

25X1

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NPIC/R-218/66 15 January 1968

This is the twelfth group of items disseminated as part of NPIC/R-218/66, Southeast Asia Activity Report, POL Facilities, North Vietnam. Thirteen items are included in this portion of the report, 10 newly reported sites and 3 updated items. The updated items are as follows:

Dao Quan Petroleum Products Storage East, B47, B48, X-B47;
Dao Quan Petroleum Products Storage West, B49, B50, X-B49; and
Phu Lo Petroleum Products Storage NNE Underground, B95, B96, X-B95.

Each new or updated page carries the date of the covering memo directly under the NPIC report number. NPIC will continue to disseminate new and updated items on a continuing basis as photography becomes available.

Declass Review by
NIMA/DOD

DIA review(s)
completed.
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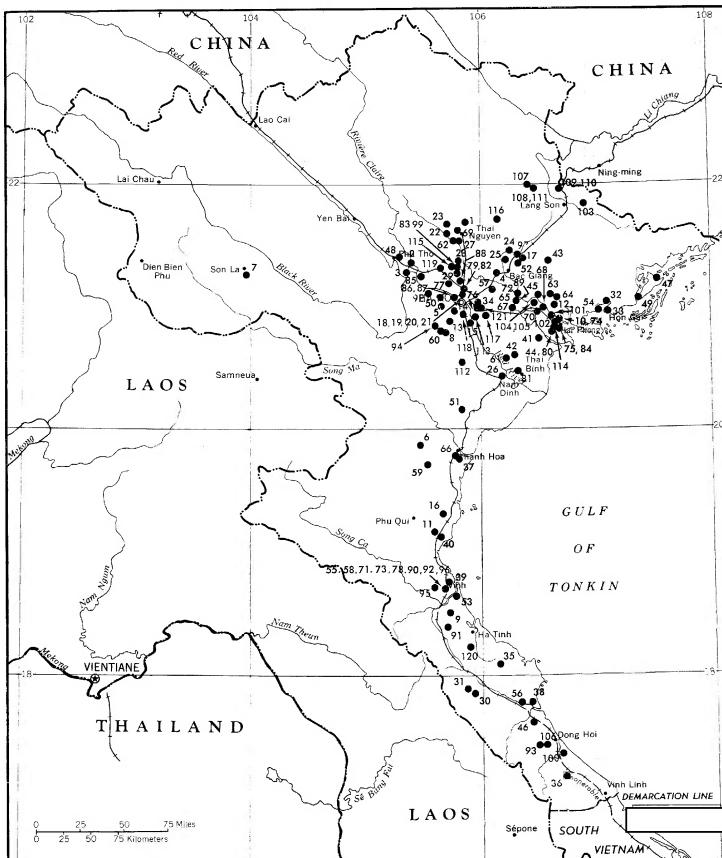
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KEY TO CATEGORY B
DISPERSED STORAGE AREAS


1. La Danh Petroleum Products Storage PUG
2. Van Lung Petroleum Products Storage UG
3. Van Lung Petroleum Products Storage West UG
4. Hoang Mai POL Storage Area
5. Ha Noi Petroleum Products Thi Cam
6. Bai Thuong Petroleum Products Storage UG Southeast
7. Son La Petroleum Products Storage
8. Thuong Thon Petroleum Products Storage UG
9. Ngoc Son Petroleum Products Storage PUG
10. Thai Lan Petroleum Products Storage
11. Yen Hau Petroleum Products Storage PUG
12. Thanh Lang Petroleum Products Storage UG
13. Ha Noi Petroleum Products Storage UG Thanh Liet (Area 1)
14. Ha Noi Petroleum Products Storage UG Thanh Liet (Area 2)
15. Bang So Petroleum Products Storage PUG
16. Son Chau Petroleum Products Storage PUG
17. Can Thon Petroleum Products Storage
18. Ha Noi Petroleum Products Storage Duc Noi (Area 1)
19. Ha Noi Petroleum Products Storage Duc Noi (Area 2)
20. Ha Noi Petroleum Products Storage Duc Noi (Area 3)
21. Ha Noi Petroleum Products Storage Duc Noi (Area 4)
22. Cu Van Petroleum Products Storage
23. Cu Van Petroleum Products Storage East UG
24. Dao Quan Petroleum Products Storage East
25. Dao Quan Petroleum Products Storage West
26. Nam Dinh Petroleum Products Storage PUG
27. Thai Nguyen Petroleum Products Storage PUG South
28. Phuc Yen Airfield POL Storage Area I
29. Phuc Yen Airfield POL Storage Area 2
30. Xom Duong Quan Petroleum Products Storage UG East
31. Xom Duong Quan Petroleum Products Storage UG
32. Nui Tap Tinh POL Storage Area
33. Sac Le POL Storage Area
34. Phu Dong POL Storage Area
35. Thuan Le POL Storage Area
36. Phu Loc Petroleum Products Storage
37. Thanh Hoa POL Storage Area
38. Ba Don Petroleum Products Storage
39. Phu Loi Petroleum Products Storage NNE
40. Tho Trang Petroleum Products Storage
41. Ninh Giang Petroleum Products Storage
42. Dong Chau Petroleum Products Storage
43. Kep Ha Petroleum Products Storage
44. Tien Hoi Petroleum Products Storage
45. Dong Mui Petroleum Products Storage
46. Non Lang POL Storage
47. Van Hoa POL Storage
48. Phu Lo Petroleum Products Storage NNE UG
49. Jaune Island POL Storage
50. Co Nhue Vien Petroleum Products Storage
51. Quang Suoi Petroleum Products Storage
52. Trung Phu Petroleum Products Storage
53. Gia Hoa Petroleum Products Storage
54. Bai Chay Petroleum Products Storage
55. Vinh Petroleum Products Storage Yen Thinh
56. Ba Don Petroleum Products Storage PUG West
57. Bac Ninh Petroleum Products Storage
58. Vinh Petroleum Products Storage PUG Xuan Yen
59. Tri Binh Petroleum Products Storage
60. Xuven Duong Petroleum Products Storage
61. Cau Cong Petroleum Products Storage
62. Tung Tu Petroleum Products Storage UG
63. Don Son Petroleum Products Storage
64. Quy Khe Petroleum Products Storage
65. Tran Xa Petroleum Products Storage
66. Ihanh Hoa Petroleum Products Storage
67. Tram Du Petroleum Products Storage
68. Luc Nona Petroleum Products Storage
69. Thai Nguyen Petroleum Products Storage
70. Tien Nong Petroleum Products Storage
71. Vinh Petroleum Products Storage PUG Ben Thuy
72. Chi Linh Petroleum Products Storage
73. Vinh Petroleum Products Storage PUG Yen Dai
74. Hoang Pha Petroleum Products Storage
75. Kien An Petroleum Products Storage
76. Phu Thi Petroleum Products Storage
77. Phu Tri Petroleum Products Storage West
78. Vinh Petroleum Products Storage North UG
79. March Traeng Petroleum Products Storage
80. Tram Bac Petroleum Products Storage
81. Nam Lo Petroleum Products Storage
82. Ha Noi Petroleum Products Storage Duc Noi (Area 5)
83. Ha Gia Petroleum Products Storage NW
84. Phu Na Petroleum Products Storage
85. Ha Loan Petroleum Products Storage
86. Tu Huong Petroleum Products Storage
87. Tay Tum Petroleum Products Storage East
88. Nguyen Kien Petroleum Products Storage
89. Can Dien Petroleum Products Storage
90. Vinh Petroleum Products Storage PUG North No 2
91. Xom That Petroleum Products Storage
92. Vinh Petroleum Products Storage North No 3
93. Cu Hap Petroleum Products Storage
94. Xuan Mai Petroleum Products Storage
95. Dong Xuan Petroleum Products Storage
96. Vinh Petroleum Products Storage SE PUG
97. Kep Petroleum Products Storage
98. Dong Sang Petroleum Products Storage
99. Lap Tri Petroleum Products Storage
100. Long Dai Petroleum Products Storage
101. Luc Nong Petroleum Products Storage
102. Quynh Hoan Petroleum Products Storage
103. Lang Son Petroleum Products Storage SE
104. Na Son Petroleum Products Storage
105. Cam Lam Thuong Petroleum Products Storage
106. Phu Qui Petroleum Products Storage PUG No 2
107. Kho Phai Dan Petroleum Products Storage
108. Na Pia Petroleum Products Storage NW
109. Dong Dang Petroleum Products Storage No 2
110. Dong Dang Petroleum Products Storage No 1
111. Na Pia Petroleum Products Storage
112. Lang Coc Petroleum Products Storage

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KEY TO CATEGORY B
DISPERSED STORAGE AREAS

- 113. Binh Phu Petroleum Products Storage North
- 114. Kieu Yen Thuong Petroleum Products Storage
- 115. Hien Luong Petroleum Products Storage
- 116. Hoan Ha Petroleum Products Storage
- 117. Ban Yen Nhan Petroleum Products Storage
- 118. Quynh Do Petroleum Products Storage
- 119. Tien Huong Petroleum Products Storage
- 120. Bau Me Petroleum Products Storage
- 121. Duong Xa Petroleum Products Storage

BE NUMBER	WJ877956	2139N 10550E
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UTM COORDINATES	GEOGRAPHIC COORDINATES
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25X1

NAME: LA DANH PETROLEUM PRODUCTS STORAGE PUG

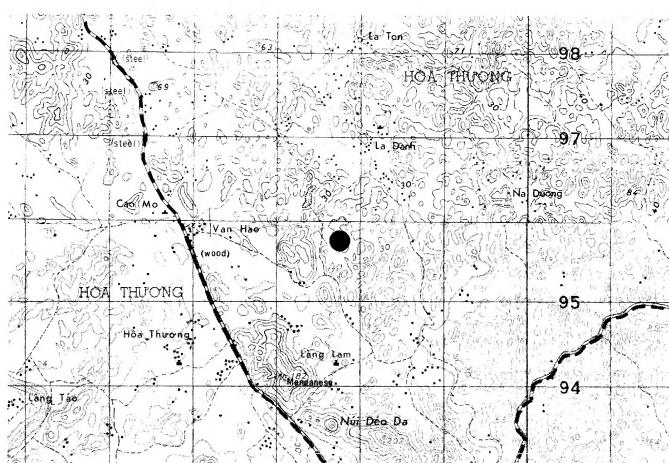
LOCATION: 4.1 NM NORTH OF THAI NGUYEN AND 0.8 NM EAST OF VAN HAO

DESCRIPTION: STORAGE AREA CONSISTS OF 2 ADJACENT SITES. EAST AREA CONTAINS APPROXIMATELY 116 BUNKERED TANKS, 6 UNBURIED MEDIUM TANKS, 15 EXCAVATIONS, AND APPROXIMATELY 400 DRUMS DISPERSED UNDER TREES. WEST AREA, 0.3 NM WEST, CONTAINS AT LEAST 475 DRUMS IN OPEN STORAGE AND IN 9 EXCAVATIONS AND 9 ADDITIONAL EXCAVATIONS. BOMB CRATERS ARE OBSERVED IN EACH AREA.

ESTIMATED CAPACITY: TANK 1,464 MT DRUM 895 MT

MAP REFERENCES: AMS SERIES L701, SHEET 6175-I, 1ST ED, OCT 63 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-11, 1ST ED, JUN 65 (U)

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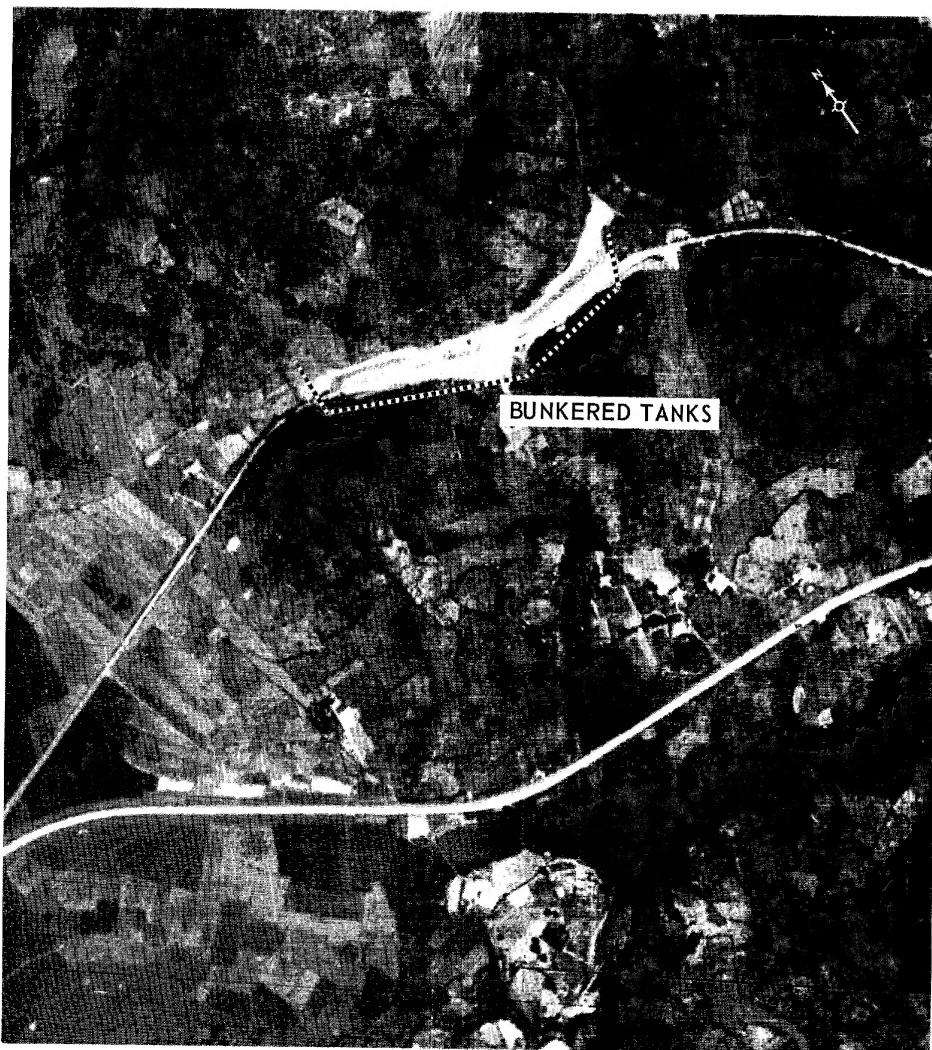
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CU VAN PETROLEUM PRODUCTS STORAGE EAST UG
WJ774926 2138N 10544E
UTM COORDINATES **GEOGRAPHIC COORDINATES**



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NPIC/R-218/66
15 January 1968

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[REDACTED] XJ249708
BE NUMBER UTM COORDINATES 212610N 1061222E
GEOGRAPHIC COORDINATES

NAME: DAO QUAN PETROLEUM PRODUCTS STORAGE EAST

LOCATION: 0.1 NM EAST OF DAO QUAN ON SOUTH BANK OF THE SONG THUONG.

25X1D

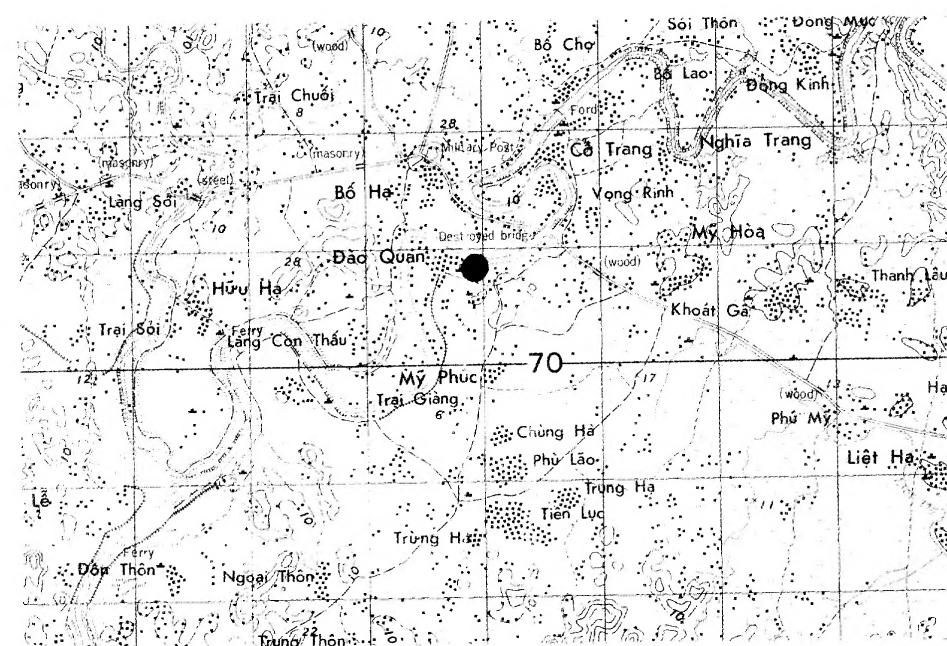
DESCRIPTION: PHOTOGRAPH [REDACTED] REVEALS THE STORAGE AREA BEING ESTABLISHED AND CONTAINING 37 TANKS. [REDACTED] REVEALS EFFORTS TO REMOVE THE TANKS FROM THE SITE. SIX TANKS IN OPENED EXCAVATIONS, 1 TANK ABOVEGROUND, AND 32 EMPTY EXCAVATIONS REMAIN.

25X1

ESTIMATED CAPACITY: PRE-STRIKE TANK 444 MT
POST-STRIKE TANK 84 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6275-III, 1ST ED, APR 64 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-11, 1ST ED, JUN 65 (U)

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DAO QUAN PETROLEUM PRODUCTS STORAGE EAST

XJ249708
UTM COORDINATES

212610N 1061222E
GEOGRAPHIC COORDINATES



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15 January 1968

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[REDACTED] XJ240696
BE NUMBER UTM COORDINATES 212530N 1061155E
GEOGRAPHIC COORDINATES

NAME: DAO QUAN PETROLEUM PRODUCTS STORAGE WEST

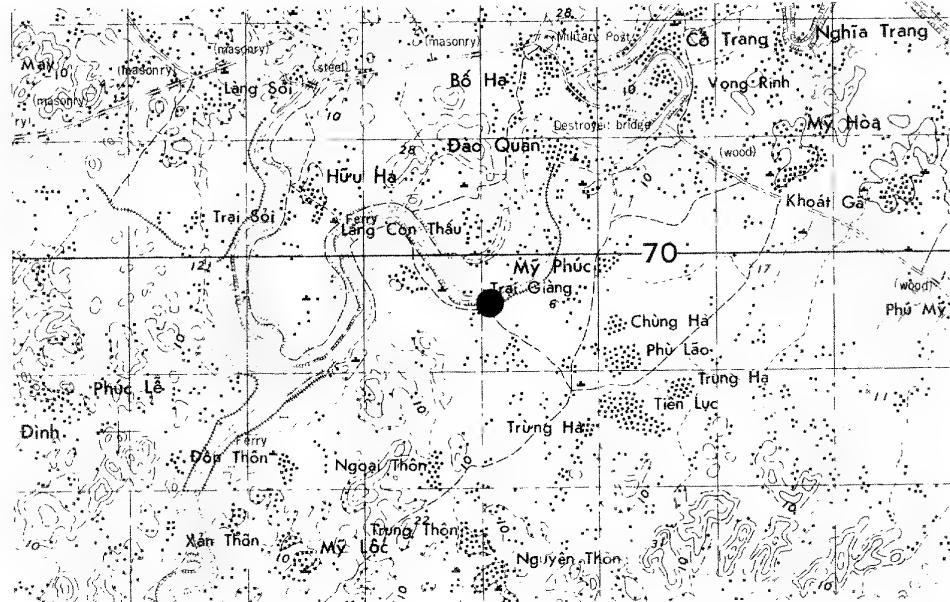
LOCATION: 0.8 NM SSW OF DAO QUAN ON SOUTH BANK OF THE SONG THUONG.

25X1

25X1D DESCRIPTION: PHOTOGRAPHY [REDACTED] REVEALS THE STORAGE SITE CONTAINING 32 BUNKERED TANKS. [REDACTED] REVEALS EFFORTS TO REMOVE TANKS. SEVENTEEN TANKS IN OPENED EXCAVATIONS, 5 TANKS ABOVEGROUND (1 PROBABLY DAMAGED), AND 7 EMPTY EXCAVATIONS REMAIN.

25X1

ESTIMATED CAPACITY: PRE-STRIKE TANK 384 MT
POST-STRIKE TANK 162 MT
MAP REFERENCES: AMS SERIES L701, SHEET 6275 III, 1ST ED, APR 64 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-11, 1ST ED, JUN 65 (U)



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DAO QUAN PETROLEUM PRODUCTS STORAGE WEST

XJ249708
UTM COORDINATES

212530N 1061155E
GEOGRAPHIC COORDINATES



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BE NUMBER XH273612 UTM COORDINATES 2026N 10613E GEOGRAPHIC COORDINATES

NAME: NAM DINH PETROLEUM PRODUCTS STORAGE PUG

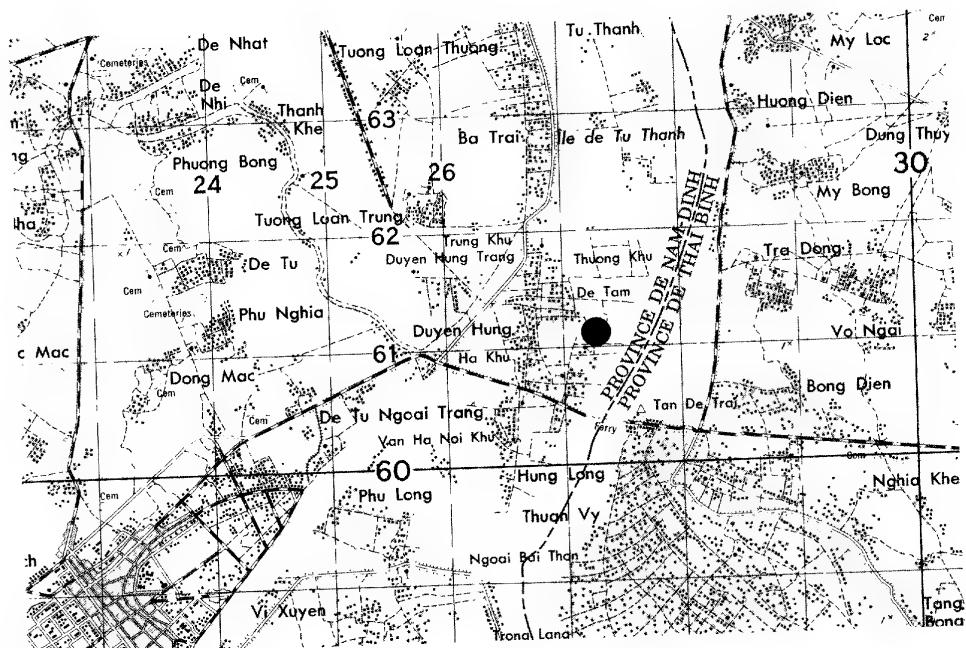
LOCATION: 3 NM NE OF NAM DINH ON WEST BANK OF RED RIVER

DESCRIPTION: STORAGE SITE CONSISTS OF 22 POL TANKS BURIED ON BOTH SIDES OF LOOP ROAD.

ESTIMATED CAPACITY: TANK 264 MT

MAP REFERENCES: AMS SERIES L701, SHEET 6272 III 3D ED, APR 63 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-15, 1ST ED, JUN 65 (U)

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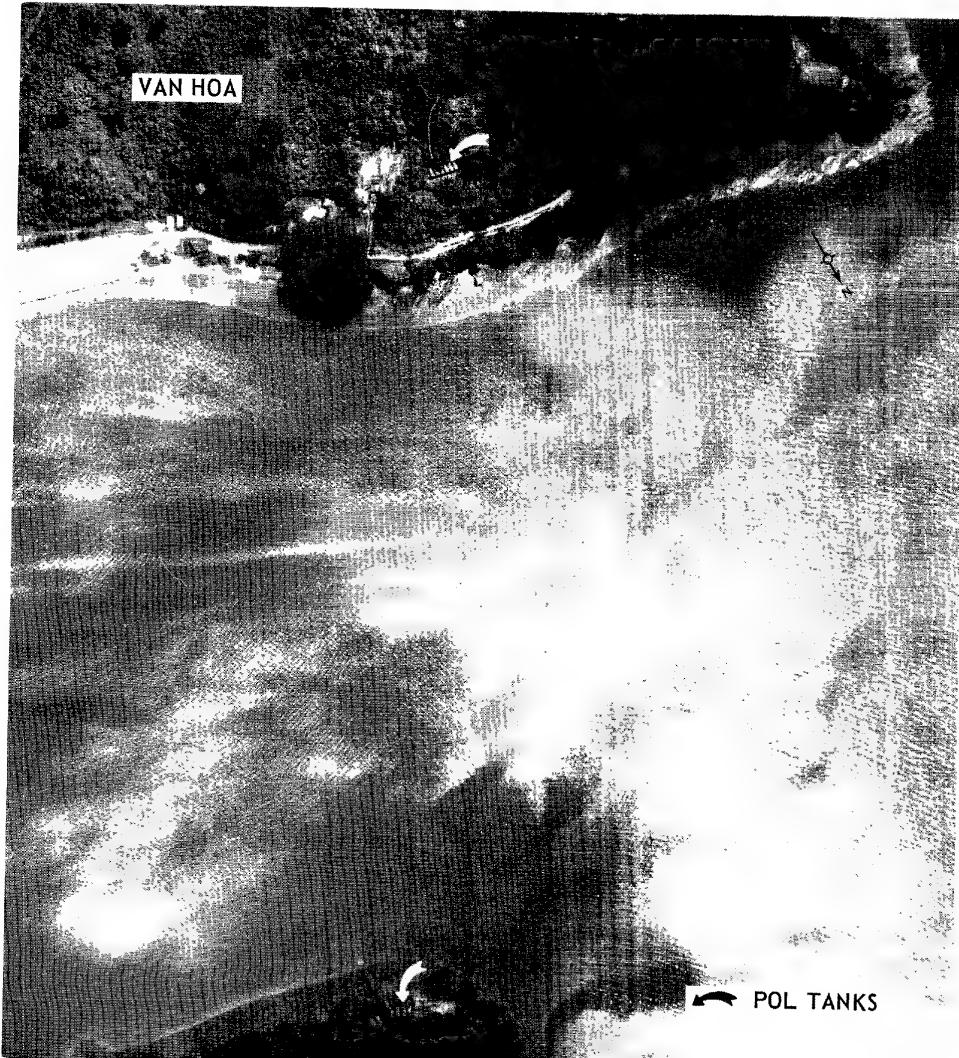
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VAN HOA POL STORAGE

YJ669467 YJ667464
UTM COORDINATES

2112N 10734E
GEOGRAPHIC COORDINATES



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15 January 1968

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BE NUMBER	UTM COORDINATES	GEOGRAPHIC COORDINATES
[redacted]	WJ321688	212455N 1051834E

NAME: PHU LO PETROLEUM PRODUCTS STORAGE NNE UNDERGROUND

LOCATION: 0.2 NM NE OF ROUTE 2 AND 0.6 NM NNE OF PHU LO.

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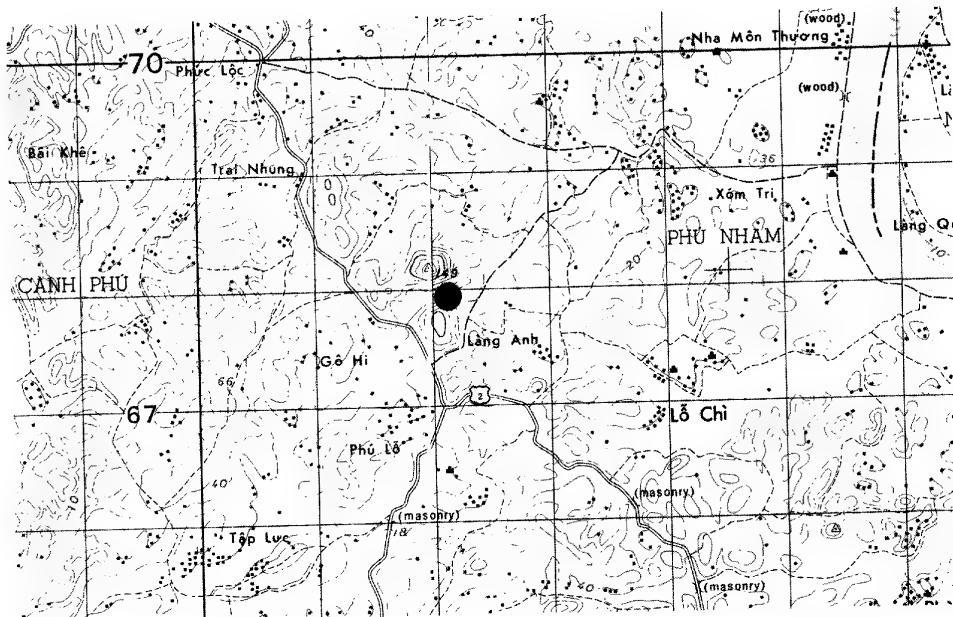
DESCRIPTION: [redacted] REVEALS THE STORAGE SITE CONTAINING 19 BUNKERED TANKS AND 8 EMPTY EXCAVATIONS. [redacted]
REVEALS EFFORTS TO REMOVE TANKS FROM THE SITE WITH ALL ORIGINAL BUNKERED TANKS REMOVED AND NUMEROUS EMPTY EXCAVATIONS OBSERVED.

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ESTIMATED CAPACITY: PRE-STRIKE TANK 228 MT
POST-STRIKE TANK NONE

MAP REFERENCES: AMS SERIES L701, SHEET 6075-II, 1ST ED, JAN 64 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-11, 1ST ED, JUN 65 (U)

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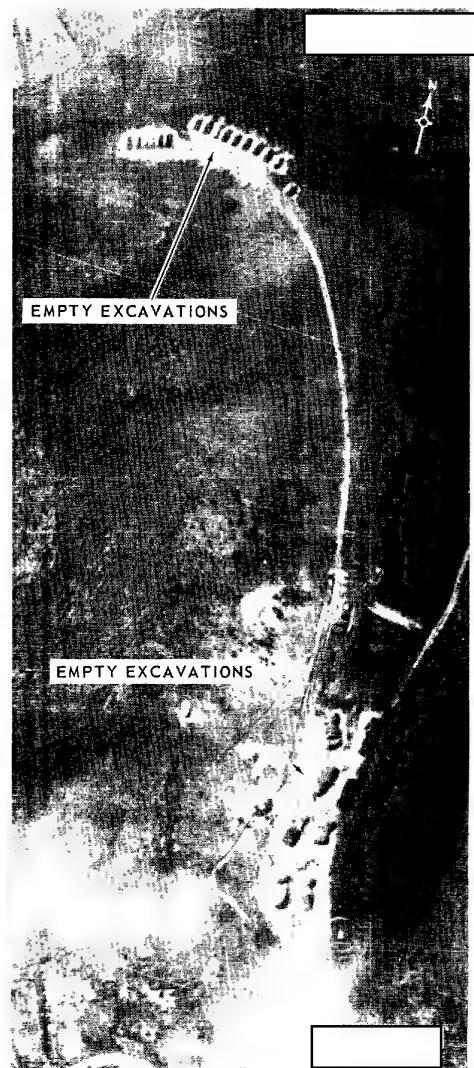
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PHU LO PETROLEUM PRODUCTS STORAGE NNE UNDERGROUND

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UTM COORDINATES

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GEOGRAPHIC COORDINATES

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0616-
BE NUMBER

YJ471281
UTM COORDINATES

2102N 10722E
GEOGRAPHIC COORDINATES

NAME: JAUNE ISLAND POL STORAGE

LOCATION: NE SIDE OF JAUNE ISLAND, 0.9 NM NNE OF CAM PHA PORT

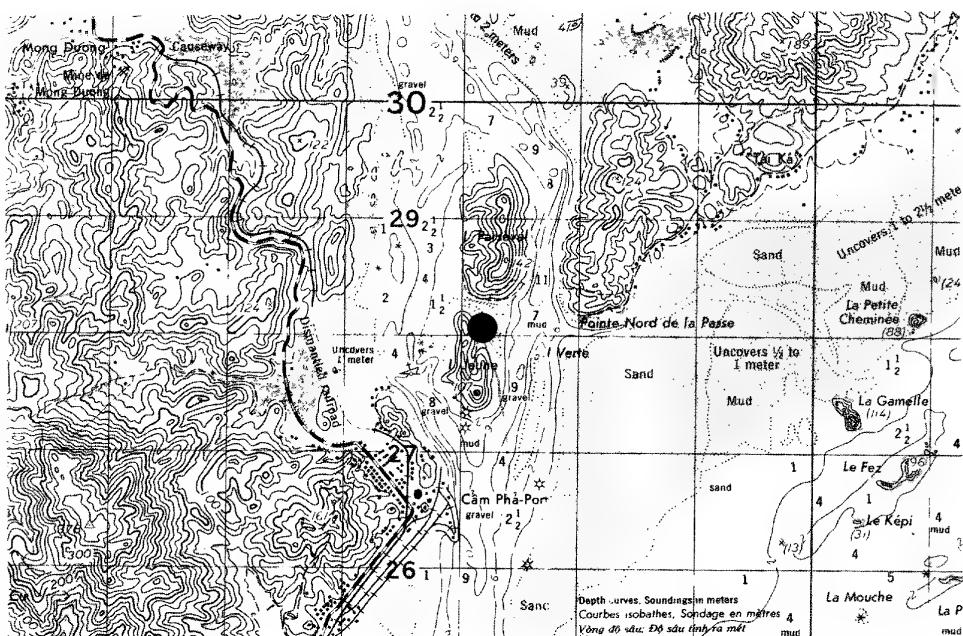
DESCRIPTION: AREA CONTAINS 4 PARTIALLY REVETTED POL TANKS ON THE SIDE OF A HILL.

ESTIMATED CAPACITY: TANK 48 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6451 II, 1ST ED, 1965 (U)
AMS SERIES JOG(G) 1501, SHEET MF 48-12, 1ST ED, JUN 65 (U)

PHOTO REFERENCE:

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8 November 1967

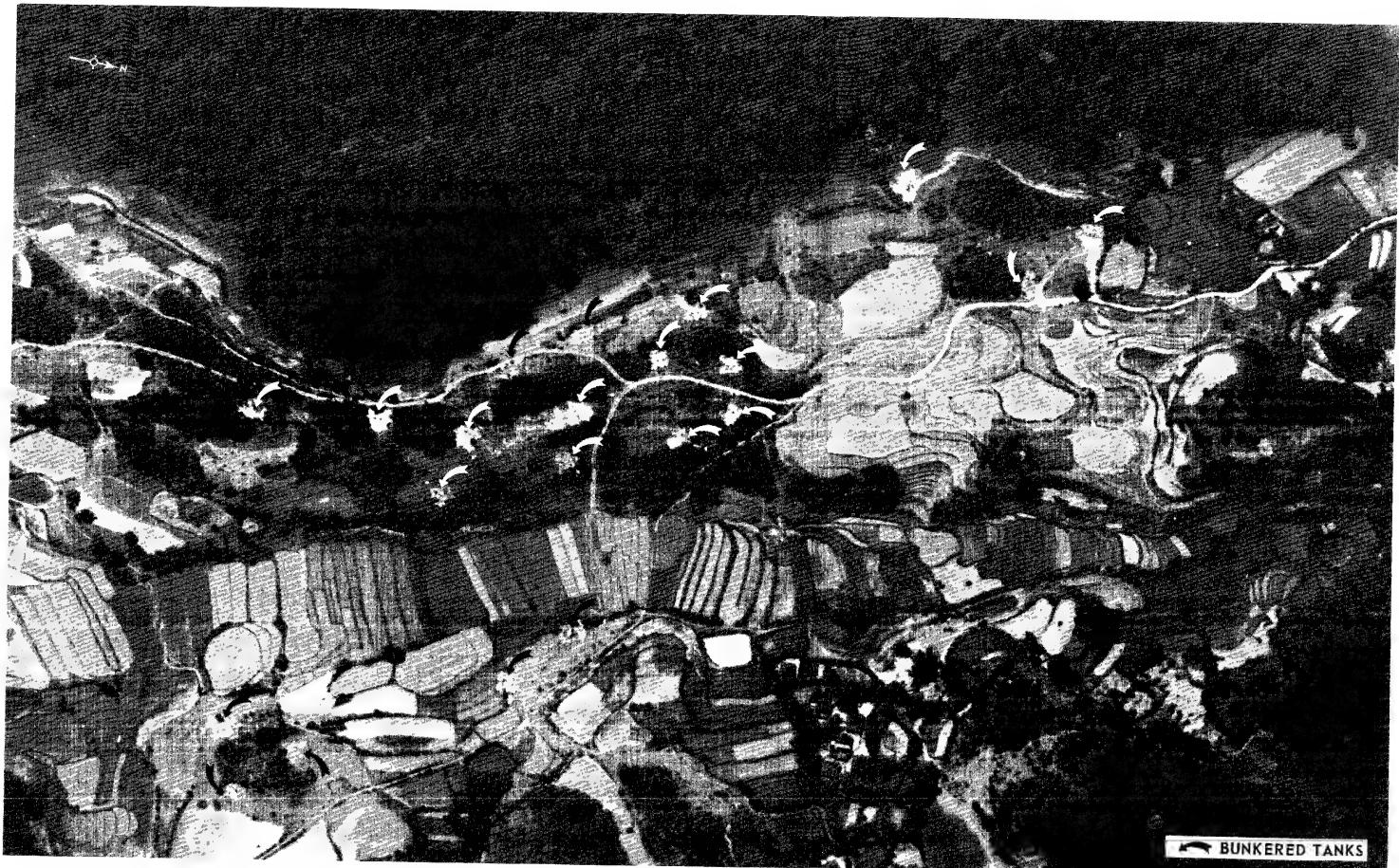
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[REDACTED]
UTM COORDINATES

NA PIA PETROLEUM PRODUCTS STORAGE

215352N 1062614E
GEOGRAPHIC COORDINATES



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[REDACTED] SECRET

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[REDACTED] WH862730 203320N 1054939E 25X1
BE NUMBER UTM COORDINATES GEOGRAPHIC COORDINATES

NAME: LANG COC PETROLEUM PRODUCTS STORAGE

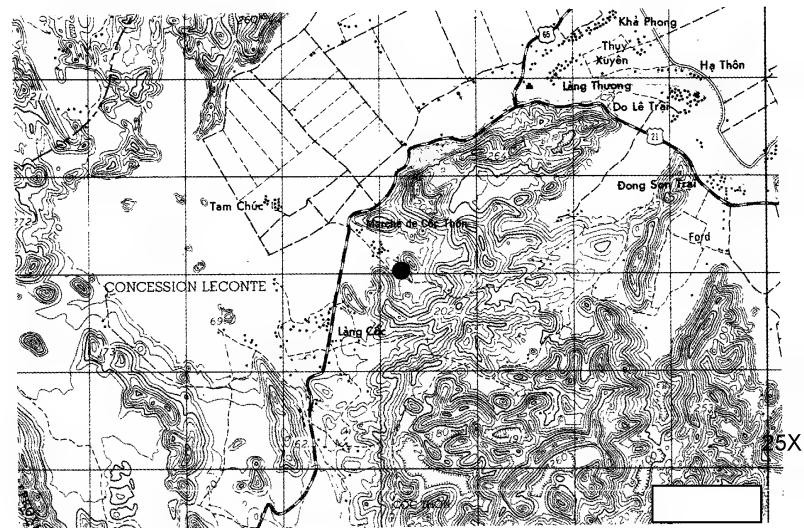
LOCATION: 0.5 NM NE OF LANG COC, 0.3 NM EAST OF ROUTE 21, 1.2 NM SOUTH OF THE SONG DAY.

DESCRIPTION: SITE CONSISTS OF 15 INDIVIDUALLY BUNKERED LARGE TANKS.

ESTIMATED CAPACITY: TANK 375 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6150 II, 1ST ED, 1965 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-15, 1ST ED, JUN 65 (U)

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[REDACTED] SECRET

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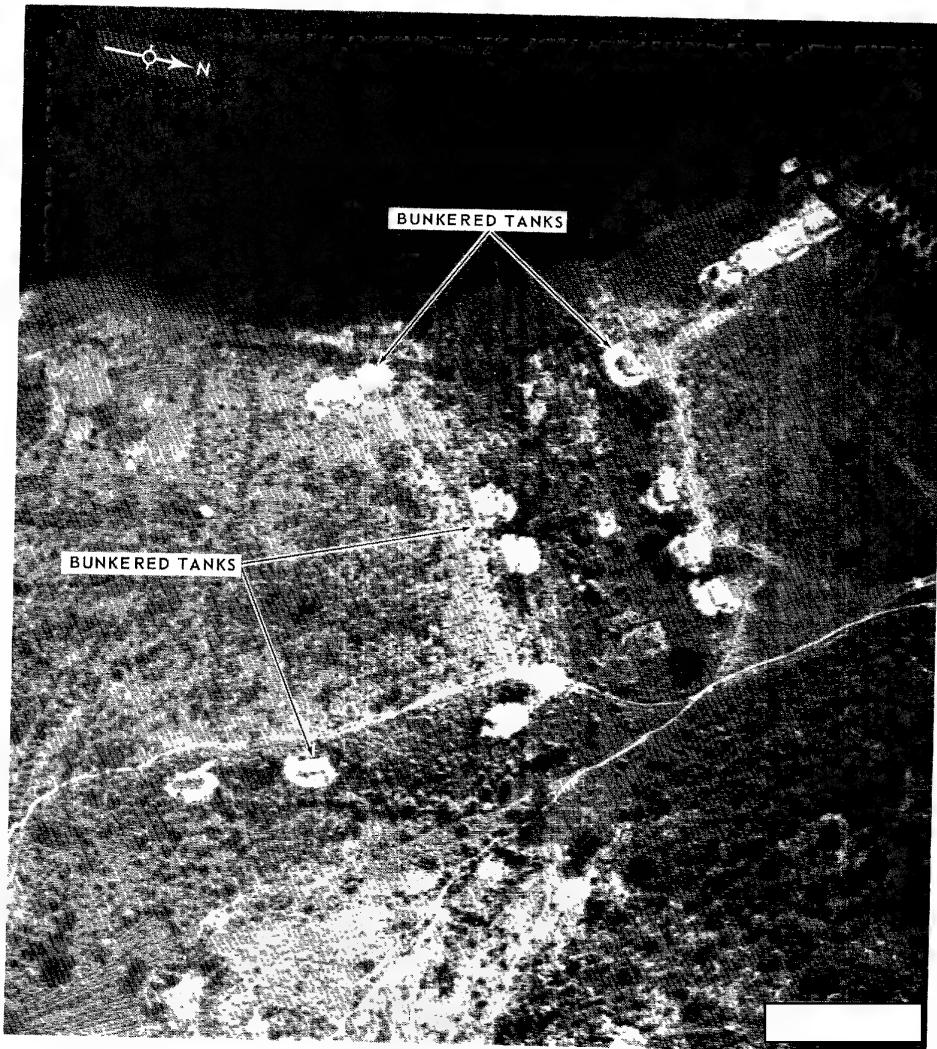
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19 January 1968

LANG COC PETROLEUM PRODUCTS STORAGE

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UTM COORDINATES

203320N 1054939E
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25X1C
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
SECRET
NPIC/R-218/66
15 January 1968

25X1

	XJ028105 UTM COORDINATES	205345N 1055920E GEOGRAPHIC COORDINATES
--	-----------------------------	--

NAME: BINH PHU PETROLEUM PRODUCTS STORAGE NORTH

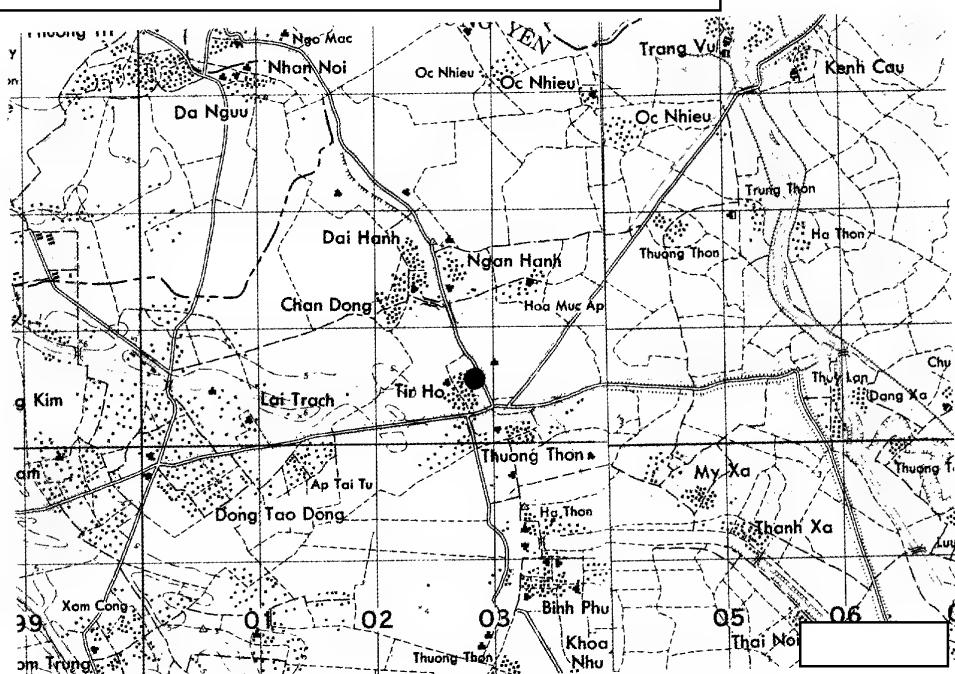
LOCATION: 1 NM NORTH OF BINH PHU, 4.4 NM EAST OF THE RED RIVER.

DESCRIPTION: AREA CONTAINS 8 TANKS IN OPEN EXCAVATIONS AND 3 TANKS ABOVE-GROUND.

ESTIMATED CAPACITY: TANK 132 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6150-I, 1ST ED, 1965 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-15, 1ST ED, JUN 65 (U)

25X1



25X1

B225
25X1C
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
SECRET

25X1

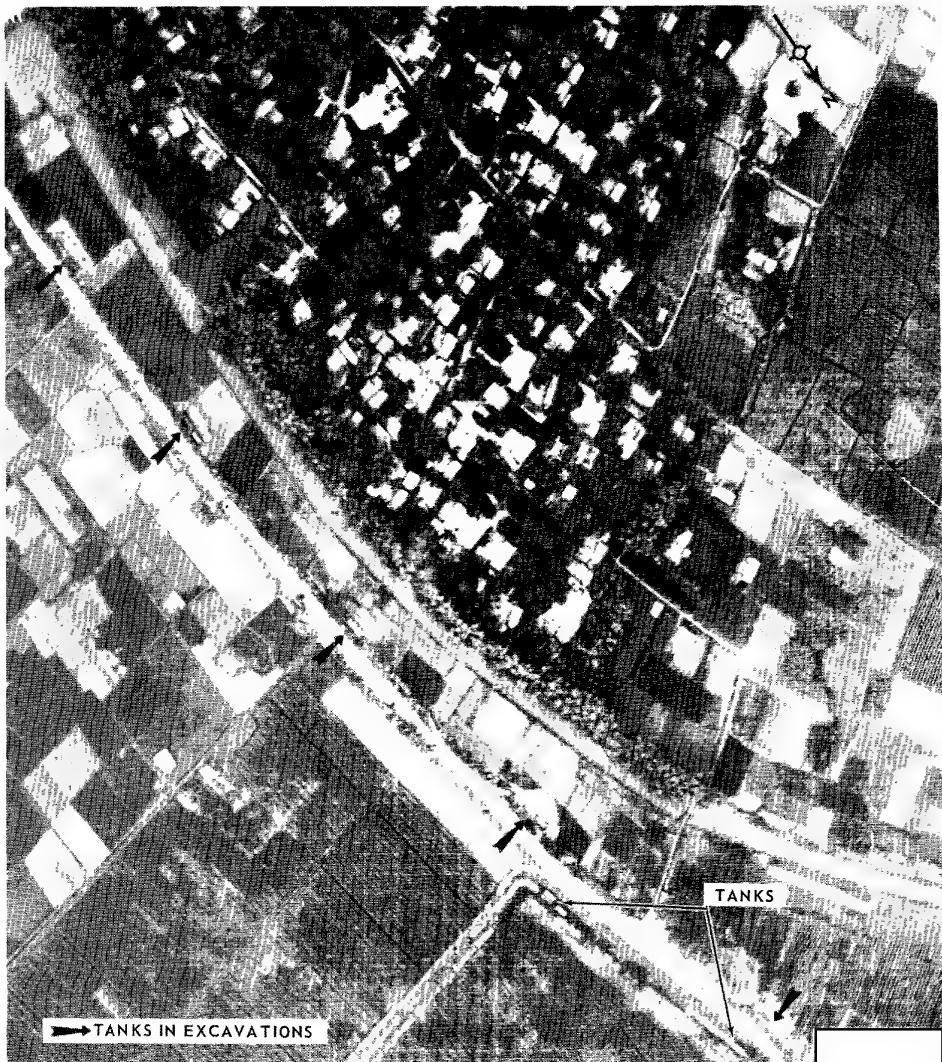
25X1

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
25X1C **SECRET** NPIC/R-218/66
19 January 1968

BINH PHU PETROLEUM PRODUCTS STORAGE NORTH

XJ028105
UTM COORDINATES

205345N 1055920E
GEOGRAPHIC COORDINATES



25X1

B226

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Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

25X1

25X1

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
25X1C
NPIC/R-218/66
15 January 1968

25X1

[REDACTED] BE NUMBER XJ654047 UTM COORDINATES 205012N 1063525E
[REDACTED] GEOGRAPHIC COORDINATES

NAME: KIEU YEN THUONG PETROLEUM PRODUCTS STORAGE

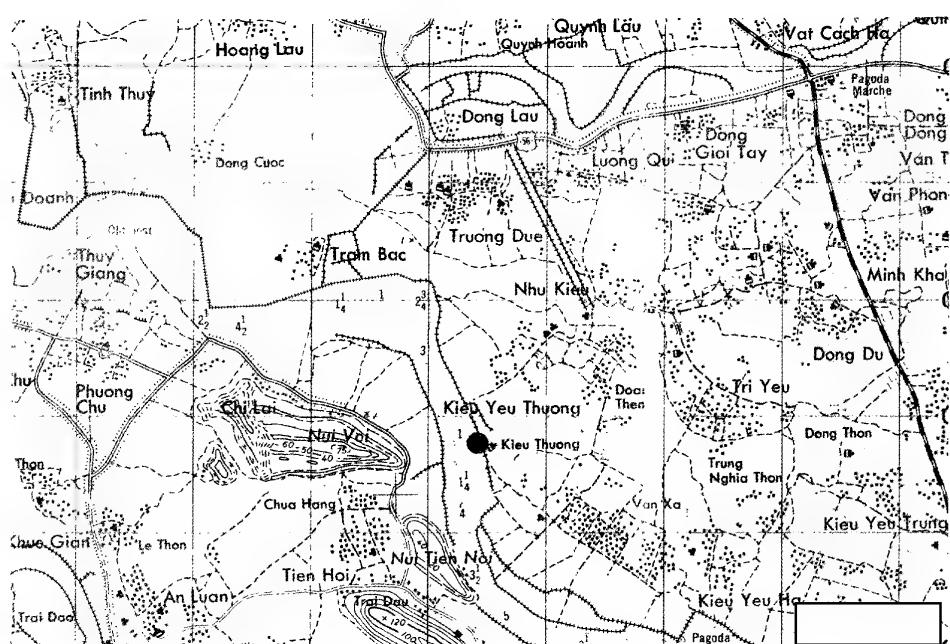
LOCATION: 0.4 NM WSW OF KIEU YEN THUONG, 2.3 NM NNW OF KIEN AN AIRFIELD,
ON THE EAST BANK OF THE LACH TRAY.

DESCRIPTION: AREA CONSISTS OF 5 BUNKERS WITH 3 TANKS IN EACH, FOR A TOTAL
OF 15 TANKS.

ESTIMATED CAPACITY: TANK 180 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6350 IV, 1ST ED, 1965 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-16, 1ST ED, JUN 65 (U)

25X1



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Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
[REDACTED]

25X1

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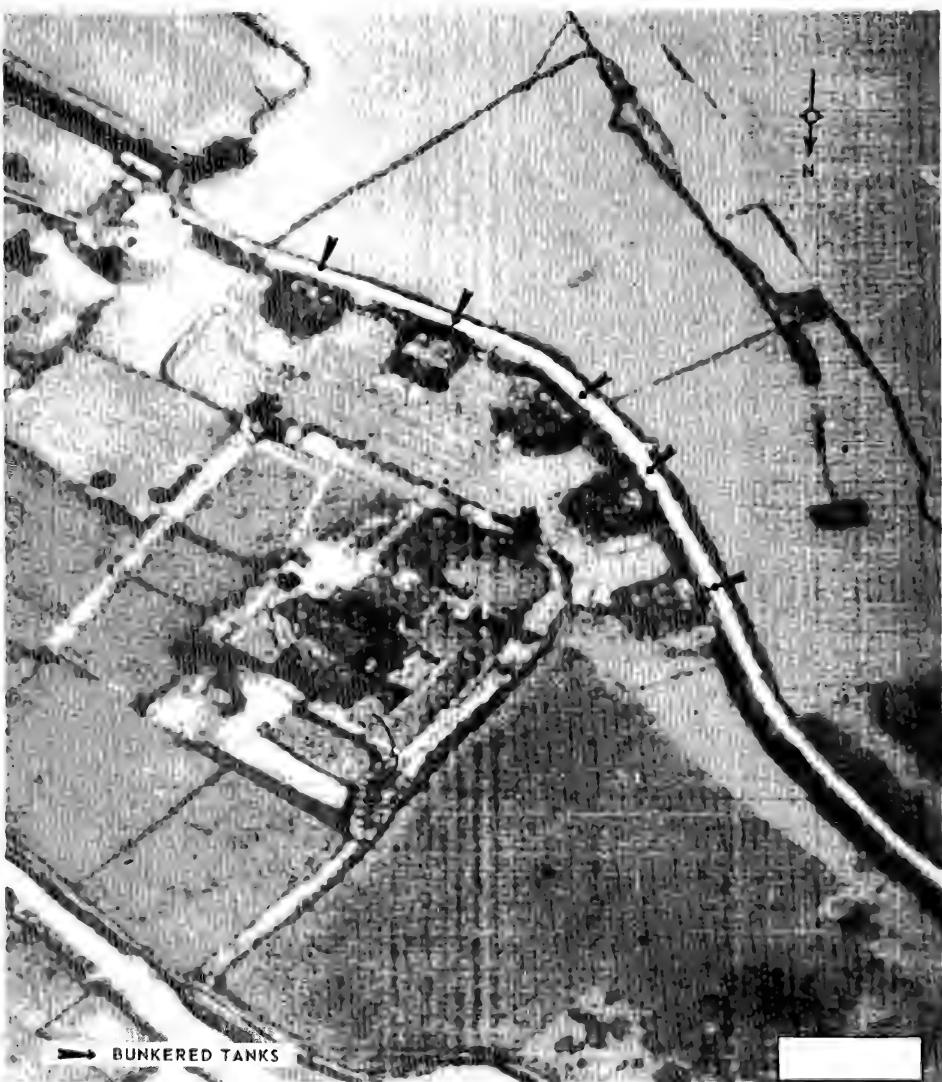
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

NPIC/R-218/66
January 1968

KIEU YEU THUONG PETROLEUM PRODUCTS STORAGE

XJ654047
UTM COORDINATES

205012N 1063525E
GEOGRAPHIC COORDINATES



25X1

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Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

25X1

B228

25X1

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010088G7R-218/66
25X1C
15 January 1968

0616-	WJ808498	211500N 1054640E
BE NUMBER	UTM COORDINATES	GEOGRAPHIC COORDINATES

NAME: HIEN LUONG PETROLEUM PRODUCTS STORAGE

LOCATION: ALONG A SECONDARY ROAD, 0.6 NM WEST OF HIEN LUONG, 2.5 NM NW OF PHUC YEN AIRFIELD.

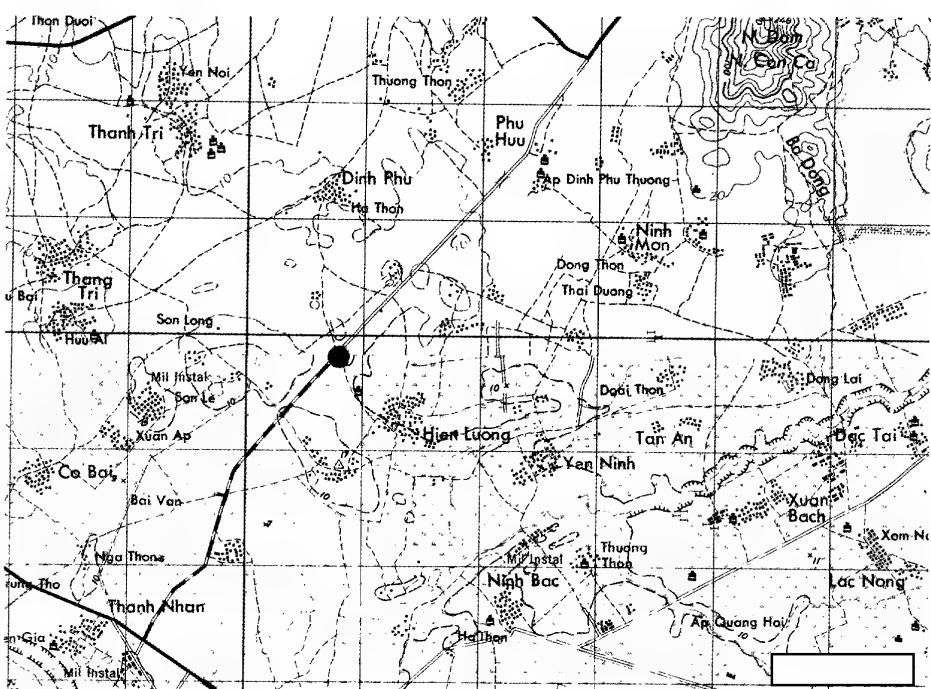
DESCRIPTION: STORAGE AREA CONSISTS OF 10 STORAGE TANKS SEPARATELY PLACED ALONG ROAD. FIVE ARE BUNKERED, 5 IN OPEN EXCAVATIONS.

ESTIMATED CAPACITY: TANK 120 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6151 I, 1ST ED, 1965 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-11, 1ST ED, JUN 65 (U)

25X1D

PHOTO REFERENCE: [REDACTED]



25X1C B229
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

25X1

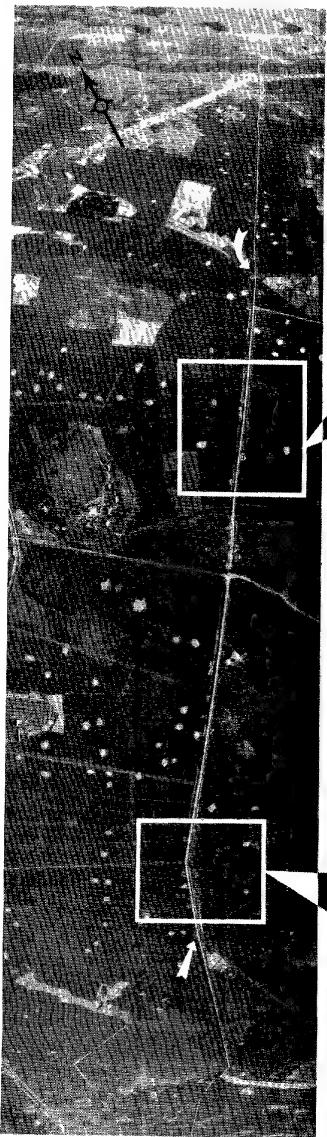
25X1

25X1C

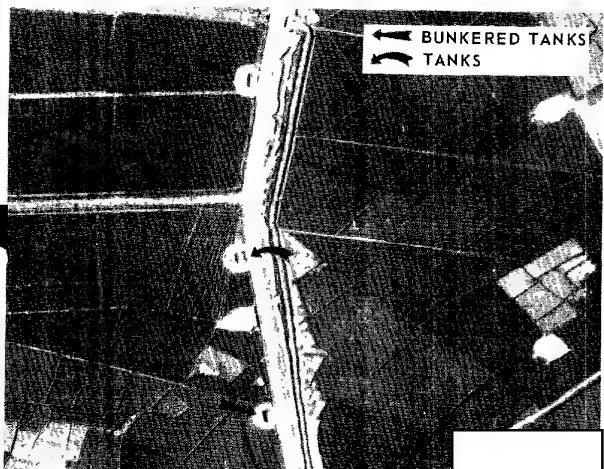
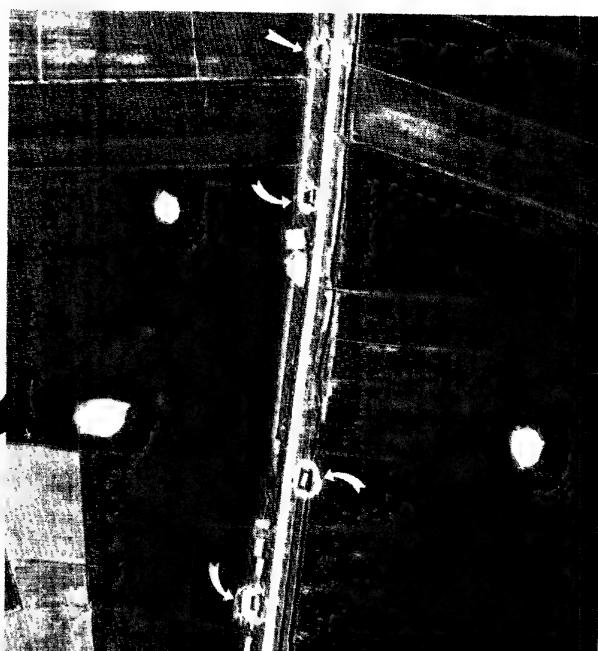
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NPIC/R-218/66
15 January 1968

WJ808498
UTM COORDINATES



211500N 1054640E
GEOGRAPHIC COORDINATES



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25X1

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Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
SECRET
NPIC/R-218/66
15 January 1968

0616-	XK176085	214620N 1060818E
BE NUMBER	UTM COORDINATES	GEOGRAPHIC COORDINATES

NAME: HOAN HA PETROLEUM PRODUCTS STORAGE

LOCATION: 1.3 NM WSW OF HOAN HA, NORTH OF ROUTE 1B.

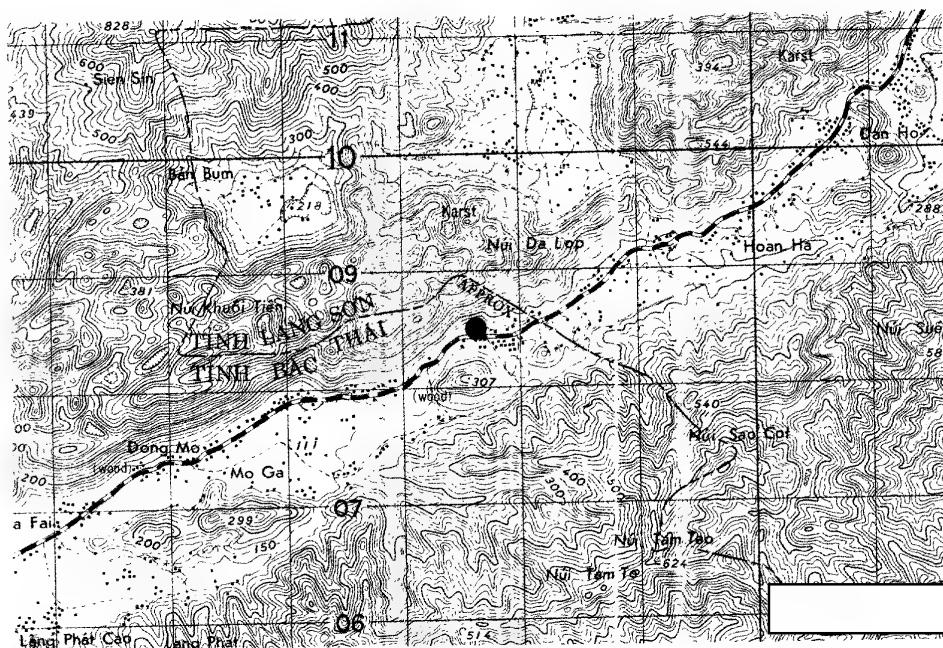
DESCRIPTION: STORAGE AREA CONSISTS OF 50 LARGE TANKS PARTIALLY UNDERGROUND AND BUNKERED IN GROUPS OF 2 AND 3.

ESTIMATED CAPACITY: TANK 1,250 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6252 IV, 1ST ED, 1965 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-11, 1ST ED, JUN 65 (U)

PHOTO REFERENCE:

25X1D



25X1

25X1C
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
SECRET
B231

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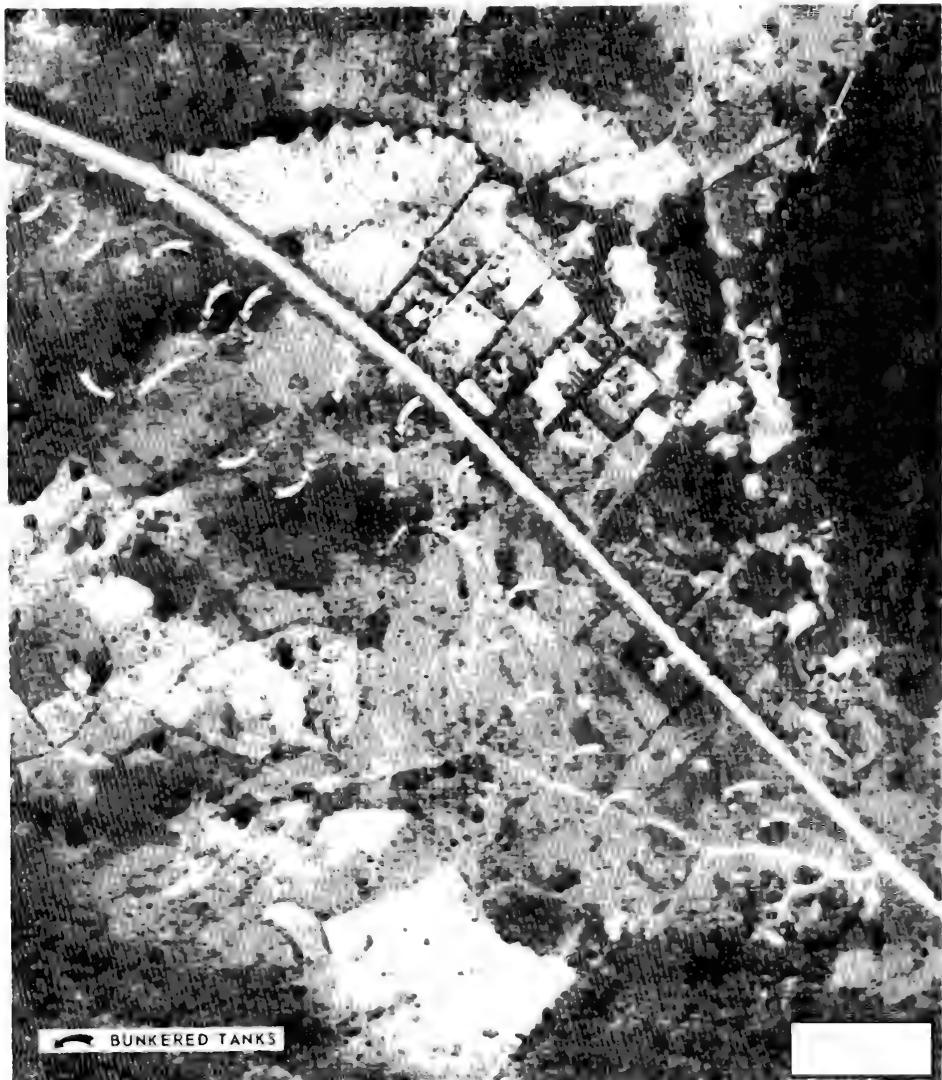
25X1

25X1C **SECRET** Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7 January 1968

NPIC/R-218/66

HOAN HA PETROLEUM PRODUCTS STORAGE
214620N 1060818E
GEOGRAPHIC COORDINATES

XK176085
UTM COORDINATES



25X1

25X1C **SECRET** Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

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Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
[redacted] NPI6/R278/66
15 January 1968

0616-	XJ058165	205650N 1060103E
BE NUMBER	UTM COORDINATES	GEOGRAPHIC COORDINATES

NAME: BAN YEN NHAN PETROLEUM PRODUCTS STORAGE

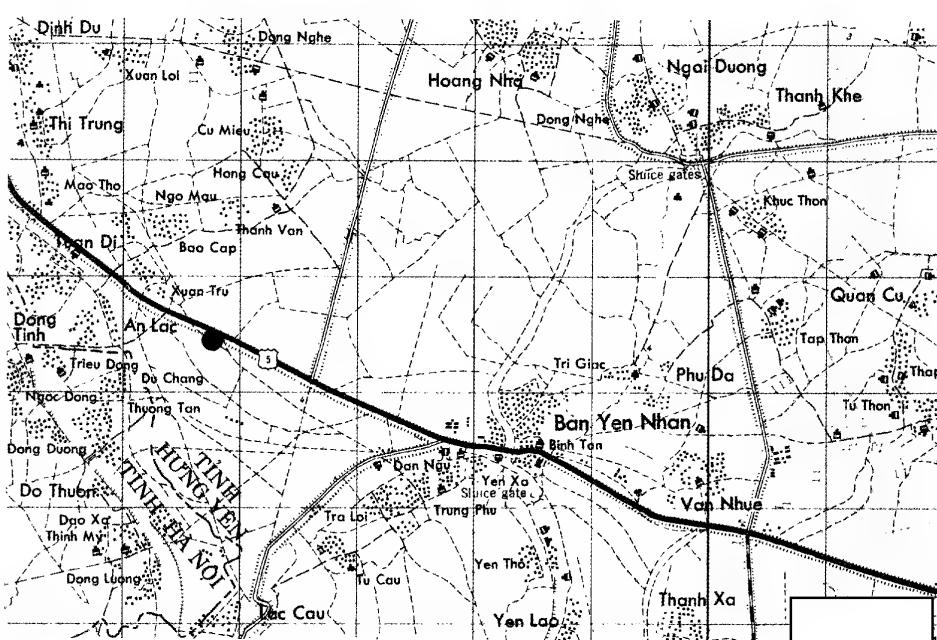
LOCATION: 1.5 NM NW OF BAN YEN NHAN, ALONG ROUTE 5.

DESCRIPTION: STORAGE AREA CONSISTS OF 15 LARGE BUNKERED TANKS, 6 STANDARD BUNKERED TANKS, AND 5 EMPTY EXCAVATIONS.

ESTIMATED CAPACITY: TANK 447 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6250 IV, 1ST ED, 1965 (U)
AMS SERIES JOG(G) 1501, SHEET VF 48-15, 1ST ED, JUN 65 (U)

25X1D PHOTO REFERENCE: [redacted]



25X1

25X1C

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25X1

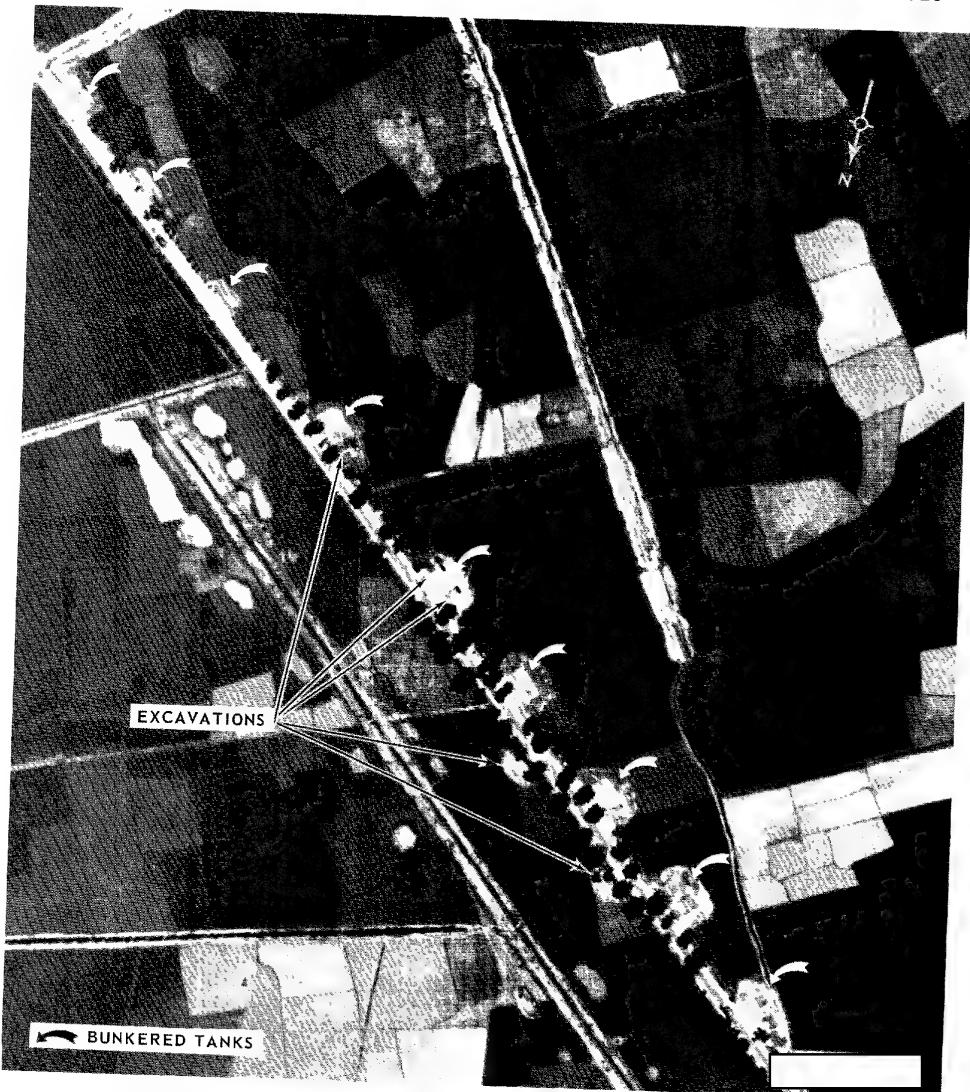
25X1

25X1C ~~SECRET~~
Approved For Release 2003/08/04 :
SAFIRE-A-RDP78B04560A005500010038-7
NPI/C-R-218/66
15 January 1968

BAN YEN NHAN PETROLEUM PRODUCTS STORAGE

XJ058165
UTM COORDINATES

205650N 1060103E
GEOGRAPHIC COORDINATES



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25X1C
Approved For Release 2003/08/04 :
SAFIRE-A-RDP78B04560A005500010038-7

25X1

25X1C
Approved For Release 2003/08/04 : CIA RDP78B04560A005500010038-7 1968

NPIC/R-218/66

25X1

0616-	WJ865158	205631N 1054956E
BE NUMBER	UTM COORDINATES	GEOGRAPHIC COORDINATES

NAME: QUYNH DO PETROLEUM PRODUCTS STORAGE

LOCATION: 0.7 NM WEST OF QUYNH DO.

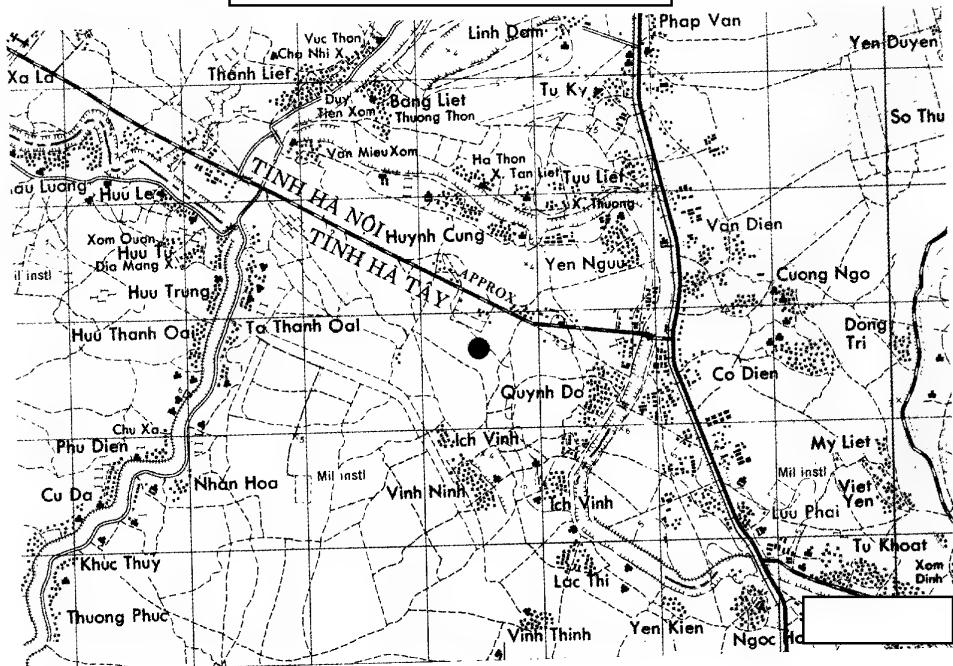
DESCRIPTION: STORAGE AREA CONSISTS OF 15 LARGE BUNKERED TANKS, 1 STANDARD BUNKERED TANK, 1 SMALL TANK ABOVEGROUND, AND 3 EMPTY EXCAVATIONS.

ESTIMATED CAPACITY: TANK 394 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6150-I, 1ST ED, 1965 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-15, 1ST ED, JUN 65 (U)

25X1D

PHOTO REFERENCE: []



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25X1C
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25X1

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25X1C **SECRET**
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
NPIC/R-218/66
15 January 1968

QUYNH DO PETROLEUM PRODUCTS STORAGE

WJ865158
UTM COORDINATES

205631N 1054956E
GEOGRAPHIC COORDINATES



25X1

25X1C

B236

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
SECRET

25X1

25X1

25X1C
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
REF ID: A656000010038-7
NPIC/R-218/66
15 January 1968

0616-	WJ677533	211655N 1053912E
BE NUMBER	UTM COORDINATES	GEOGRAPHIC COORDINATES

NAME: TIEN HUONG PETROLEUM PRODUCTS STORAGE

LOCATION: 1 NM NNW OF TIEN HUONG, IMMEDIATELY NORTH OF ROUTE 2 AND THE HA NOI/LAO CAI RAIL LINE.

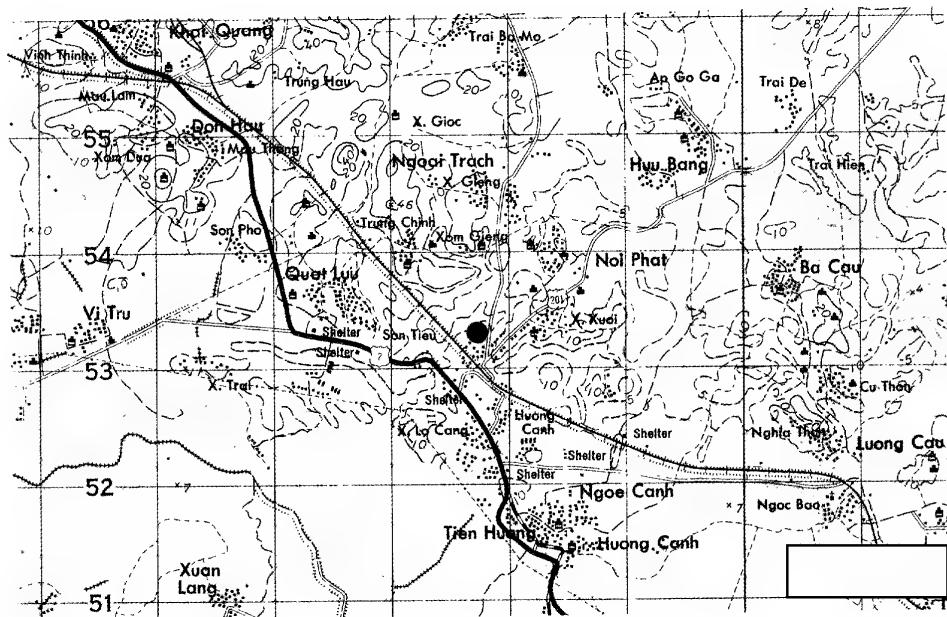
DESCRIPTION: STORAGE AREA CONSISTS OF A SINGLE ROW OF 13 BUNKERED TANKS ALONG A SECONDARY ROAD.

ESTIMATED CAPACITY: TANK 156 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6151 IV, 1ST ED, 1965 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-11, 1ST ED, JUN 65 (U)

PHOTO REFERENCE:

25X1D



25X1

25X1C

B237

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
REF ID: A656000010038-7

25X1

25X1

25X1C **SECRET**

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500040038-7

NPIC/R-218/66
15 January 1968

TIEN HUONG PETROLEUM PRODUCTS STORAGE

WJ677533
UTM COORDINATES

211655N 1053912E
GEOGRAPHIC COORDINATES



25X1

25X1C B238

SECRET

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25X1

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25X1C
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-71968
[redacted]
REF ID: A6525

NPIC/R-218/66

25X1

[redacted] BE NUMBER WF932182 UTM COORDINATES 181504N 1055300E GEOGRAPHIC COORDINATES

NAME: BAU ME PETROLEUM PRODUCTS STORAGE

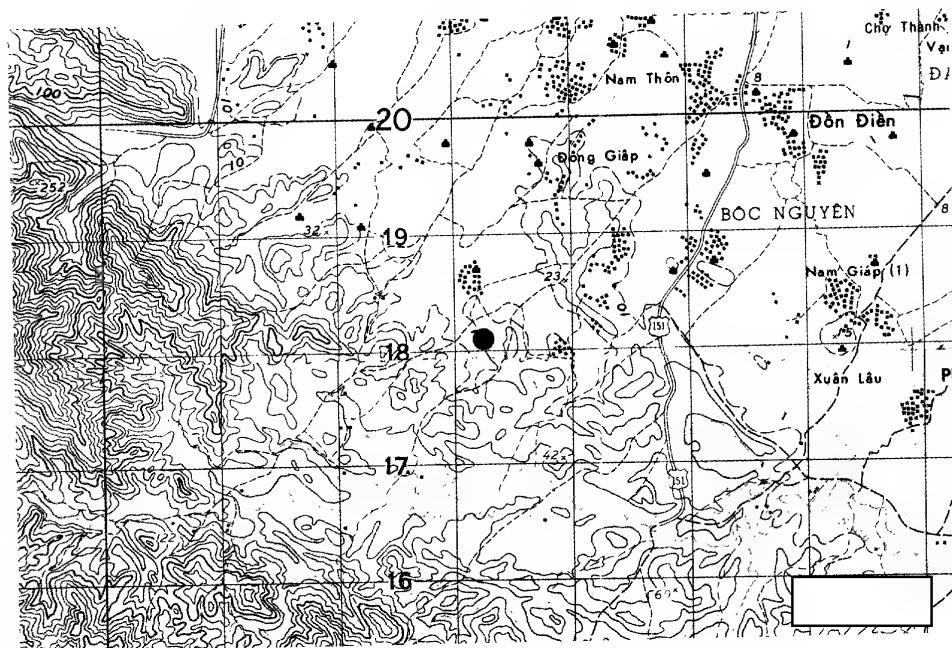
LOCATION: 2.8 NM NW OF BAU ME.

DESCRIPTION: STORAGE AREA CONTAINS 8 LARGE BUNKERED TANKS, 2 LARGE TANKS IN OPENED EXCAVATIONS, AND 5 EMPTY EXCAVATIONS.

ESTIMATED CAPACITY: TANK 250 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6145 I, 1ST ED, 1965 (U)
AMS SERIES JOG(G) 1501, SHEET NE 48-7, 1ST ED, JUN 65 (U)

25X1



25X1

25X1

25X1C^{B239}
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
[redacted]

SECRET

25X1

25X1C **SECRET**
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
NPIC/R-218/66
15 January 1968

BAU ME PETROLEUM PRODUCTS STORAGE

WF932182
UTM COORDINATES

181504N 1055300E
GEOGRAPHIC COORDINATES



25X1C **SECRET**
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
B240

25X1

25X1

25X1

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
25X1C NRIC-R-218/66
15 January 1968

25X1

[REDACTED]	XJ023248	210123N 1055904E
BE NUMBER	UTM COORDINATES	GEOGRAPHIC COORDINATES

NAME: DUONG XA PETROLEUM PRODUCTS STORAGE

LOCATION: 1.2 NM NE OF DUONG XA, 0.9 NM SOUTH OF THE CANAL DES RAPIDES.

25X1

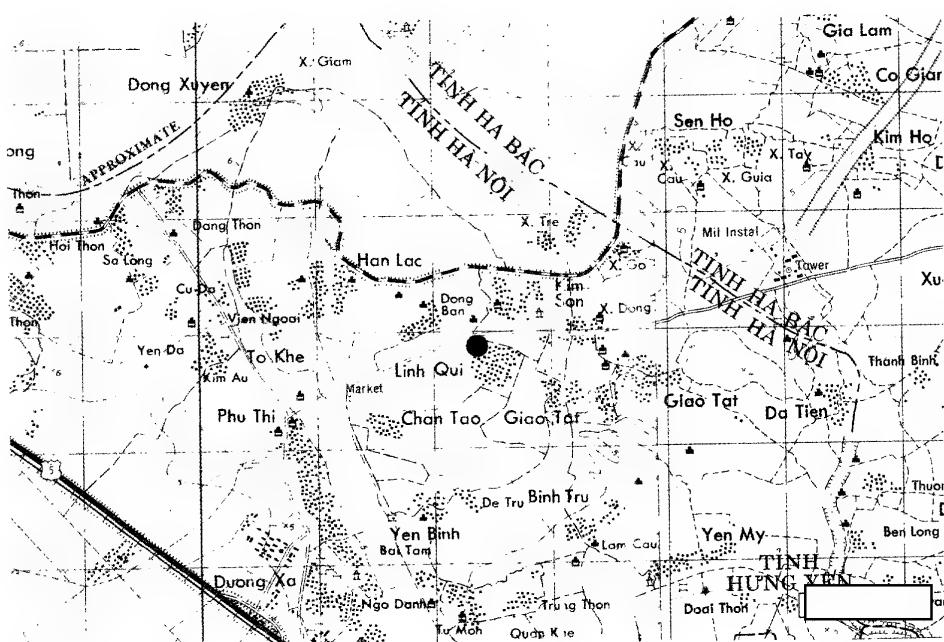
DESCRIPTION: [REDACTED] REVEALS THE STORAGE AREA CONTAINS AT LEAST 41 STANDARD BUNKERED TANKS, 7 STANDARD TANKS ABOVEGROUND, AND 2 LARGE BUNKERED TANKS. PHOTOGRAPHY [REDACTED] REVEALS THE STORAGE SITE IS HARDENED WITH MOST TANKS COVERED BY DENSE VEGETATION. NO ABOVEGROUND TANKS ARE OBSERVED ON THIS DATE.

25X1D

ESTIMATED CAPACITY: TANK 542 MT

MAP REFERENCES: AMS SERIES L7014, SHEET 6151 II, 1ST ED, 1965 (U)
AMS SERIES JOG(G) 1501, SHEET NF 48-11, 1ST ED, JUN 65 (U)

25X1



25X1

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25X1C

25X1

25X1

25X1C ~~SECRET~~
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

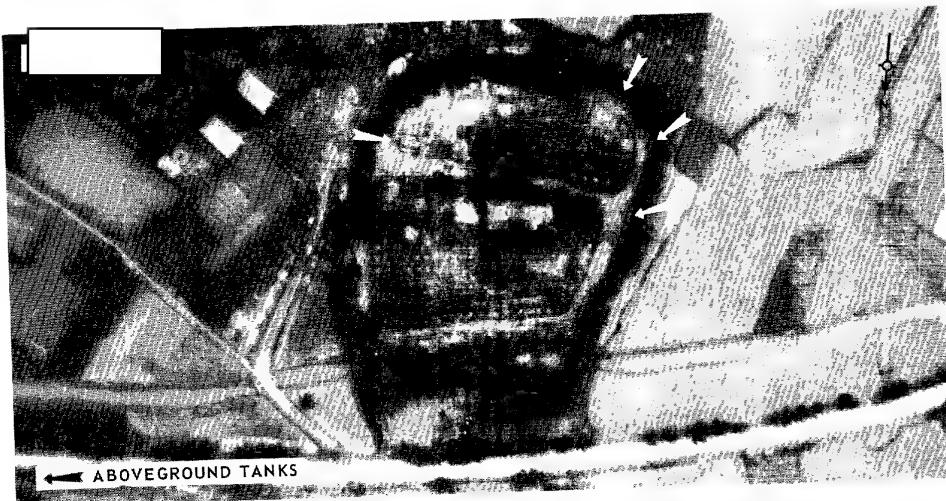
NPIC/R-218/66

January 1968

25X1

XJ023248
UTM COORDINATES

210128N 1055904E
GEOGRAPHIC COORDINATES



25X1



25X1

25X1C ~~SECRET~~
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25X1

B242

25X1

25X1C
SFT RET

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15 January 1968

25X1A

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Ha Gia Petroleum Products Storage NW	X-B165
Phu Xa Petroleum Products Storage	X-B167
Hoa Loan Petroleum Products Storage	X-B169
Tu Hoang Petroleum Products Storage	X-B171
Tay Tuu Petroleum Products Storage East	X-B173
Nguyen Khe Petroleum Products Storage	X-B175
Cap Dien Petroleum Products Storage	X-B177
Vinh Petroleum Products Storage PUG North No 2	X-B179
Xom Thap Petroleum Products Storage	X-B181
Vinh Petroleum Products Storage North No 3	X-B183
Cu Lap Petroleum Products Storage	X-B185
Xuan Mai Petroleum Products Storage	X-B187
Dong Xuan Petroleum Products Storage	X-B189
Vinh Petroleum Products Storage SE PUG	X-B191
Kep Petroleum Products Storage	X-B193
Dong Sang Petroleum Products Storage	X-B195
Lap Tri Petroleum Products Storage	X-B197
Long Dai Petroleum Products Storage	X-B199
Luc Nong Petroleum Products Storage	X-B201
Quynh Hoang Petroleum Products Storage	X-B203
Lang Son Petroleum Products Storage SE	X-B205
Xa Son Petroleum Products Storage	X-B207
Cam Lam Thuong Petroleum Products Storage	X-B209
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Khon Phai Dan Petroleum Products Storage	X-B213
Na Pia Petroleum Products Storage NW	X-B215
Dong Dang Petroleum Products Storage No 2	X-B217
Dong Dang Petroleum Products Storage No 1	X-B219
Na Pia Petroleum Products Storage	X-B221
Lang Coc Petroleum Products Storage	X-B223
Binh Phu Petroleum Products Storage North	X-B225
Kieu Yen Thuong Petroleum Products Storage	X-B227
Hien Luong Petroleum Products Storage	X-B229

25X1C
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25X1C ~~SECRET~~

R-218/66

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January 1968

25X1

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	Tien Huong Petroleum Products Storage	X-B237
	Bau Me Petroleum Products Storage	X-B239
	Duong Xa Petroleum Products Storage	X-B241

25X1C ~~SECRET~~

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25X1C **SECRET** 15 January 1968
DAO QUAN PETROLEUM PRODUCTS STORAGE EAST

25X1

XJ249708
UTM COORDINATES

25X1A

212610N 106122E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS ROAD-SERVED STORAGE AREA IS 0.1 NM EAST OF DAO QUAN, ON THE SOUTH BANK OF THE SONG THUONG (RIVER). IT FORMERLY CONTAINED 28 BURIED TANKS, 6 CAMOUFLAGED ABOVEGROUND TANKS, 3 TANKS VISIBLE IN EXCAVATIONS, AND 1 OPEN EXCAVATION. THE ESTIMATED CAPACITY WAS 444 MT. PHOTOGRAPHY OF [REDACTED] REVEALS 6 TANKS IN EXCAVATIONS, 1 ABOVEGROUND TANK, AND 52 EMPTY EXCAVATIONS. THE PRESENT ESTIMATED CAPACITY IS 84 MT.

THIS AREA IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

TWELVE SAM SITES HAVE BEEN IDENTIFIED WITHIN SA-2 MISSILE RANGE (17.5 NM) OF THE TARGET, AND 12 ADDITIONAL SAM SITES HAVE BEEN IDENTIFIED WITHIN AN 18 - 30 NM RADIUS. IDENTIFIED AAA ACTIVITY IN THE NEARBY KEP AREA INCLUDES 25 ACTIVE AAA SITES CONSISTING OF 92 OCCUPIED 57MM/85MM REVETMENTS AND 66 OCCUPIED 37MM REVETMENTS. IN ADDITION, THERE ARE 5 INACTIVE SITES IN THE AREA. MODERATE HMG AND SMALL ARMS FIRE IS ANTICIPATED AGAINST AIRCRAFT.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 2 - 3 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

PREPARED BY DEFENSE INTELLIGENCE AGENCY

25X1C

X-B47

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25X1

25X1

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SECRET
DAO QUAN PETROLEUM PRODUCTS STORAGE WEST
NPIC/R-218/66
15 January 1968

25X1

XJ240696
UTM COORDINATES

25X1A

212530N 1061155E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE LIES ABOUT 0.8 NM SSW OF DAO QUAN, ABOUT HALFWAY BETWEEN HA NOI AND THAI NGUYEN. IT FORMERLY CONTAINED 32 BUNKERED HORIZONTAL POL TANKS IN A SQUARE PATTERN WITH A TOTAL CAPACITY OF 384 MT. PHOTOGRAPHY OF [REDACTED] REVEALS 17 TANKS IN EXCAVATIONS AND 5 ABOVEGROUND TANKS, OF WHICH 1 IS PROBABLY DAMAGED. THE PRESENT ESTIMATED CAPACITY IS 162 MT.

THIS AREA IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

ELEVEN SAM SITES HAVE BEEN IDENTIFIED WITHIN SA-2 MISSILE RANGE (17.5 NM) OF THE TARGET, AND 22 ADDITIONAL SITES HAVE BEEN IDENTIFIED WITHIN AN 18 - 30 NM RADIUS. IDENTIFIED AAA ACTIVITY IN THE NEARBY KEP AREA INCLUDES 25 ACTIVE AAA SITES CONSISTING OF 92 OCCUPIED 57MM/85MM REVETMENTS AND 66 OCCUPIED 37MM REVETMENTS. IN ADDITION, THERE ARE 5 INACTIVE SITES IN THE AREA. MODERATE HMG AND SMALL ARMS FIRE IS ANTICIPATED AGAINST AIRCRAFT.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 2 - 3 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

25X1C

PREPARED BY DEFENSE INTELLIGENCE AGENCY
X-B49

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25X1C **SECRET**
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NPIC/R-218/66
15 January 1968
PHU LO PETROLEUM PRODUCTS STORAGE NNE UNDERGROUND

WJ321688
UTM COORDINATES

25X1A

212455N 1051834E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE LIES 0.2 NM NE OF ROUTE 2 AND 0.6 NM NNE OF PHU LO. IT FORMERLY CONSISTED OF 19 BUNKERED POL TANKS AND 8 EXCAVATIONS WITH AN ESTIMATED CAPACITY OF 228 MT. PHOTOGRAPHY OF [REDACTED] REVEALS THAT ALL TANKS HAVE BEEN REMOVED.

THIS AREA WAS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

ELEVEN SAM SITES HAVE BEEN IDENTIFIED WITHIN SA-2 MISSILE RANGE (17.5 NM) OF THE TARGET, AND 10 ADDITIONAL SITES HAVE BEEN IDENTIFIED WITHIN AN 18 - 30 NM RADIUS. IDENTIFIED AAA ACTIVITY IN THE THACH SON AREA INCLUDES 4 ACTIVE SITES CONSISTING OF 16 OCCUPIED 57MM/85MM REVETMENTS AND 8 OCCUPIED 37MM REVETMENTS. IN ADDITION, THERE ARE 3 INACTIVE SITES IN THE AREA. SPARSE TO MODERATE HMG AND SMALL ARMS FIRE IS ANTICIPATED AGAINST AIRCRAFT.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 2 - 3 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

25X1

PREPARED BY DEFENSE INTELLIGENCE AGENCY

X-B95

25X1C **SECRET**

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

25X1

25X1

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
25X1C
~~SECRET~~
LANG COC PE

NPIC/R-218/66
15 January 1968

WH862730
UTM COORDINATES

25X1A

203320N 1054939E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE LIES 0.5 NM NE OF LANG COC, 0.3 NM EAST OF ROUTE 21, AND 1.2 NM SOUTH OF THE SONG DAY (RIVER). IT CONTAINS 15 SEPARATELY BUNKERED PUG TANKS WITH AN ESTIMATED CAPACITY OF 375 MT.

THIS AREA IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

THE TARGET LIES WITHIN SA-2 MISSILE RANGE (17.5 NM) OF IDENTIFIED SAM SITES. NO AAA ACTIVITY HAS BEEN IDENTIFIED WITHIN 3 NM.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 1 - 2 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

PREPARED BY DEFENSE INTELLIGENCE AGENCY

X-B223

25X1C

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

25X1

25X1

25X1C
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
SECRET
NPIC/R-218/66
BINH PHU PETROLEUM PRODUCTS STORAGE NORTH
13 January 1968

25X1A
XJ028105 205345N 1055920E
UTM COORDINATES **GEOGRAPHIC COORDINATES**

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE IS LOCATED 1 NM NORTH OF BINH PHU AND 4.4 NM EAST OF THE RED RIVER. IT CONTAINS 8 PUG TANKS AND 3 ABOVEGROUND TANKS. ESTIMATED CAPACITY IS 132 MT.

THIS AREA IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

THE TARGET IS WITHIN SA-2 MISSILE RANGE (17.5 NM) OF IDENTIFIED SAM SITES. NO AAA ACTIVITY HAS BEEN IDENTIFIED WITHIN 3 NM.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 1 - 2 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

PREPARED BY DEFENSE INTELLIGENCE AGENCY
25X1C-B225
SECRET

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

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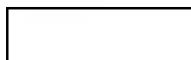
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Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

KIEU YEN THUONG PETROLEUM PRODUCTS STORAGE

XJ654047
UTM COORDINATES

25X1A



205012N 1063525E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE IS 0.4 NM WSW OF KIEU YEN THUONG, ON THE EAST BANK OF THE LACH TRAY (RIVER). IT CONTAINS 15 PUG TANKS WITH AN ESTIMATED CAPACITY OF 180 MT.

THIS AREA IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

THE TARGET LIES WITHIN SA-2 MISSILE RANGE (17.5 NM) OF IDENTIFIED SAM SITES. AAA ACTIVITY HAS BEEN OBSERVED WITHIN 3 NM OF THE TARGET.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 1 - 2 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

PREPARED BY DEFENSE INTELLIGENCE AGENCY

X-B227

25X1C

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Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

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25X1C
SECRET

NPIC/R-218/66

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7 January 1968

HIEN LUONG PETROLEUM PRODUCTS STORAGE

WJ808498
UTM COORDINATES

211500N 1054640E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE, 0.6 NM WEST OF HIEN LUONG, CONTAINS 10 PUG TANKS WITH AN ESTIMATED CAPACITY OF 120 MT.

THIS AREA IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

THE TARGET LIES WITHIN SA-2 MISSILE RANGE (17.5 NM) OF IDENTIFIED SAM SITES. AAA ACTIVITY HAS BEEN IDENTIFIED WITHIN 3 NM.

RESTORATION OF THIS SITE TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 1 - 2 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

PREPARED BY DEFENSE INTELLIGENCE AGENCY
25X1C X-B229

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
SECRET

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Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
SECRET **NPIC/R-218/66**
HOAN HA PETROLEUM PRODUCTS STORAGE

XK176085
UTM COORDINATES

214620N 1060818E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE IS 1.3 NM WSW OF HOAN HA; IT CONTAINS 50 PUG TANKS WITH AN ESTIMATED CAPACITY OF 1,250 MT.

THIS AREA IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

THE TARGET LIES WITHIN SA-2 MISSILE RANGE (17.5 NM) OF IDENTIFIED SAM SITES. NO AAA SITES HAVE BEEN IDENTIFIED WITHIN 3 NM.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 2 - 3 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

25X1C

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X-B231

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
SECRET

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SECRET
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7 NPIC/R-218/66
15 January 1968
BAN YEN NHAN

XJ058165
UTM COORDINATES

205650N 1060103E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE IS 1.5 NM NW OF BAN YEN NHAN; IT CONTAINS 15 LARGE AND 6 STANDARD PUG TANKS WITH AN ESTIMATED CAPACITY OF 447 MT.

THIS AREA IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

THE TARGET IS WITHIN SA-2 MISSILE RANGE (17.5 NM) OF IDENTIFIED SAM SITES. AAA ACTIVITY HAS BEEN IDENTIFIED WITHIN 3 NM OF THE TARGET.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 1 - 2 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

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25X1C

X-B233

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25X1C **SECRET**

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NPIC/R-218/66
15 January 1968

QUYNH DO PETROLEUM PRODUCTS STORAGE

WJ865158
UTM COORDINATES

205631N 1054956E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE LIES 0.7 NM WEST OF QUYNH DO. IT CONTAINS 15 LARGE TANKS PUG, 1 STANDARD TANK PUG, AND 1 SMALL TANK ABOVEGROUND. THE SITE HAS AN ESTIMATED CAPACITY OF 394 MT.

THIS AREA IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

THE TARGET IS WITHIN SA-2 MISSILE RANGE (17.5 NM) OF IDENTIFIED SAM SITES. AAA ACTIVITY HAS BEEN IDENTIFIED WITHIN 3 NM OF THE TARGET.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 1 - 2 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

PREPARED BY DEFENSE INTELLIGENCE AGENCY
25X1C X-B235

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
SECRET

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NPIC/R-218/66
Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

January 1968

TIEN HUONG PETROLEUM PRODUCTS STORAGE

WJ677533
UTM COORDINATES

211655N 1053912E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE, CONTAINING 13 PUG TANKS WITH AN ESTIMATED CAPACITY OF 156 MT, LIES 1 NM NNW OF TIEN HUONG.

IT IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

THE TARGET LIES WITHIN SA-2 MISSILE RANGE (17.5 NM) OF IDENTIFIED SAM SITES. ACTIVE AAA SITES HAVE BEEN IDENTIFIED WITHIN 3 NM.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 1 - 2 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

25X1C

PREPARED BY DEFENSE INTELLIGENCE AGENCY
X-B237

Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
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25X1

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25X1C **SECRET** NPIC/R-218/66
Approved For Release 2003/08/04 : CIA-RDP78B04560A0055000100387
[redacted] 15 January 1968
RAU MF PET

25X1A

WF932182
UTM COORDINATES

EXTRA

181504N 105530E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE LIES 2.8 NM NW OF BAU ME. IT CONSISTS OF 10 PUG TANKS WITH AN ESTIMATED CAPACITY OF 250 MT.

THIS AREA IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

NO AAA ACTIVITY HAS BEEN IDENTIFIED WITHIN 3 NM OF THIS SITE; HOWEVER, IT IS WITHIN SA-2 MISSILE RANGE (17.5 NM) OF IDENTIFIED SAM SITES.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 1 - 2 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

PREPARED BY DEFENSE INTELLIGENCE AGENCY

X-B239

Approved For Release 2003/08/06 : GCRPATRDP78B04560A005500010038-7

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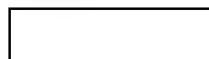
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Approved For Release 2003/08/04 :
SECRET CIA RDP78B04560A005500010038-7
NPIC/R-218/66
15 January 1968

DUONG XA PETROLEUM PRODUCTS STORAGE

XJ023248
UTM COORDINATES

25X1A



210128N 1055904E
GEOGRAPHIC COORDINATES

PRE-STRIKE TARGET DESCRIPTION

THIS STORAGE SITE LIES 1.2 NM NE OF DUONG XA AND 0.9 NM SOUTH OF THE CANAL DES RAPIDES. IT CONSISTS OF AT LEAST 41 STANDARD AND 2 LARGE PUG TANKS WITH AN ESTIMATED CAPACITY OF 542 MT.

THIS AREA IS PART OF THE DISPERSED STORAGE SYSTEM UTILIZED FOR STRATEGIC RESERVES AND/OR LOCAL CONSUMPTION.

THE TARGET IS WITHIN SA-2 MISSILE RANGE (17.5 NM) OF IDENTIFIED SAM SITES; ACTIVE AAA SITES HAVE BEEN IDENTIFIED WITHIN 3 NM.

RESTORATION OF THIS TARGET TO FULL, PRE-STRIKE CAPABILITY WOULD REQUIRE APPROXIMATELY 2 - 3 WEEKS WITH MATERIALS AT THE SITE. NORTH VIETNAM IS PRESENTLY FABRICATING SMALL HORIZONTAL TANKS, BUT MUST IMPORT THE VARIOUS COMPONENT PARTS. RELIANCE ON IMPORTED MATERIALS IS EXPECTED TO CONTINUE INDEFINITELY.

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PREPARED BY DEFENSE INTELLIGENCE AGENCY
X-B241

Approved For Release 2003/08/04 :
SECRET CIA RDP78B04560A005500010038-7

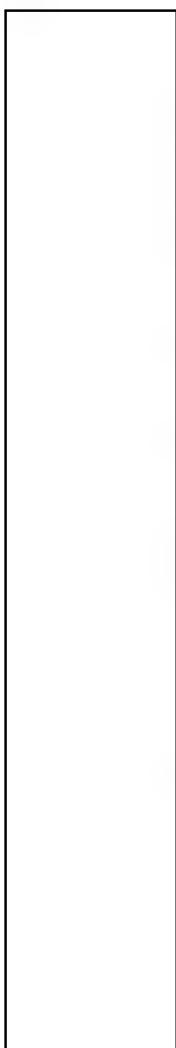
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25X1C **SECRET**
 Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7
 R-218/66
 May 1968

ANNEX II

25X1A



<u>Installation Name</u>	<u>Capacity</u>	
	<u>MT Water</u>	<u>MT POL</u>
Viet Tri Petroleum Products Storage	25	21
Phuc Yen Airfield POL Storage Area	4,200	3,530
Hia Gia Petroleum Products Storage SSW UG	9,188	7,718
Ha Noi Petroleum Products Storage Thanh Am	600	504
Nguyen Khe Petroleum Products Storage	5,925	4,977
Bac Giang Petroleum Products Storage	1,900	1,596
Nam Dinh Petroleum Products Storage	13,120	11,021
Hai Phong Petroleum Products Storage	48,348	40,612
Duong Nham Petroleum Products Storage	--	--
Do Son Petroleum Products Storage	--	--
Phu Van POL Storage	--	--
Vinh Petroleum Products Storage	1,600	1,344
Phu Qui Petroleum Products Storage	9,000	7,560
Ha Noi/Gia Lam Airfield POL Storage Area	850	714
La Danh Petroleum Products Storage PUG	2,359	1,982
Van Lung Petroleum Products Storage UG	352	295
Van Lung Petroleum Products Storage West UG	84	71
Hoang Mai POL Storage Area	300	252
Ha Noi Petroleum Products Thi Cam	468	393
Bai Thuong Petroleum Products Storage UG Southeast	555	466
Son La Petroleum Products Storage	384	323
Thuong Thon Petroleum Products Storage UG	--	--
Ngoc Son Petroleum Products Storage PUG	348	292
Thai Lai Petroleum Products Storage	120	101
Yen Hau Petroleum Products Storage PUG	192	161
Thanh Lang Petroleum Products Storage PUG	1,044	877
Ha Noi Petroleum Products Storage UG Thanh Liet (Area 1)	516	433
Ha Noi Petroleum Products Storage UG Thanh Liet (Area 2)	120	101
Bang So Petroleum Products Storage PUG	234	197
Son Chau Petroleum Products Storage PUG	--	--
Can Thon Petroleum Products Storage	925	777
Ha Noi Petroleum Products Storage Duc Noi (Area 1)	1,108	931
Ha Noi Petroleum Products Storage Duc Noi (Area 2)	849	713
Ha Noi Petroleum Products Storage Duc Noi (Area 3)	300	252
Ha Noi Petroleum Products Storage Duc Noi (Area 4)	132	111

25X1C **SECRET**
 Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

25X1

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25X1C SECRET

Approved For Release 2003/08/04 : CIA RDP78B04560A005500010038-7

R-218/66
15 January 1968

25X1A

ANNEX II (Continued)

Installation Name	Capacity		
	MT	Water	Mt POL
Cu Van Petroleum Products Storage	850	714	
Cu Van Petroleum Products Storage East UG	1,300	1,092	
Dao Quan Petroleum Products Storage East	84	71	
Dao Quan Petroleum Products Storage West	162	136	
Nam Dinh Petroleum Products Storage PUG	300	252	
Thai Nguyen Petroleum Products Storage PUG South	1,320	1,109	
Phuc Yen Airfield POL Storage Area 1	300	252	
Phuc Yen Airfield POL Storage Area 2	750	630	
Xom Duong Quan Petroleum Products Storage UG East	72	60	
Xom Duong Quan Petroleum Products Storage UG	43	36	
Nui Tap Tinh POL Storage Area	26.6	22.3	
Sac Le POL Storage Area	168	141	
Phu Dong POL Storage Area	420	352	
Thuan Le POL Storage Area	273	229	
Phuc Loc Petroleum Products Storage	156	131	
Thanh Hoa POL Storage Area	118	99	
Ba Don Petroleum Products Storage	84	71	
Phuc Loi Petroleum Products Storage Navy	300	252	
Tho Trang Petroleum Products Storage	250	210	
Ninh Giang Petroleum Products Storage	342	272	
Dong Chau Petroleum Products Storage	612	514	
Kep Ha Petroleum Products Storage	96	81	
Tien Hoi Petroleum Products Storage	468	393	
Dong Mai Petroleum Products Storage	276	232	
Xom Lang POL Storage	312	262	
Van Hoa POL Storage	144	121	
Phu Lo Petroleum Products Storage NNE UG	--	--	
Juane Island POL Storage	48	40	
Co Nhue Vien Petroleum Products Storage	744	625	
Quang Suoi Petroleum Products Storage	--	--	
Trung Phu Petroleum Products Storage	184	155	
Gia Hoa Petroleum Products Storage PUG	132	111	
Bai Chay Petroleum Products Storage	53	45	
Vinh Petroleum Products Storage Yen Thinh	132	111	
Ba Don Petroleum Products Storage PUG West	72	61	
Bac Ninh Petroleum Products Storage	204	169	
Vinh Petroleum Products Storage PUG Xuan Yen	70	59	

25X1C

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January 1968

ANNEX II (Continued)

25X1A

BU: No

Installation Name	Capacity	
	MT Water	MT POL
Tri Binh Petroleum Products Storage	48	40
Xuyen Duong Petroleum Products Storage	--	--
Cau Cong Petroleum Products Storage	384	323
Tung Tu Petroleum Products Storage UG	375	315
Don Son Petroleum Products Storage	744	625
Quy Khe Petroleum Products Storage	1,344	1,129
Tran Xa Petroleum Products Storage	1,250	1,050
Than Hoa Petroleum Products Storage	84	71
Tram Du Petroleum Products Storage	1,050	882
Luc Nong Petroleum Products Storage	720	605
Thai Nguyen Petroleum Products Storage	99	83
Tien Nong Petroleum Products Storage	432	363
Vinh Petroleum Products Storage PUG Ben Thuy	168	141
Chi Linh Petroleum Products Storage	1,728	1,452
Vinh Petroleum Products Storage PUG Yen Dai	72	60
Hoang Pha Petroleum Products Storage	240	202
Kien An POL Storage	288	242
Phu Thi Petroleum Products Storage	360	302
Phu Tri Petroleum Products Storage West	164	138
Vinh Petroleum Products Storage North UG	96	81
Mach Trang Petroleum Products Storage	112	94
Tram Bac Petroleum Products Storage	1,275	1,071
Nam Lo Petroleum Products Storage	1,000	840
Hai Noi Petroleum Products Storage Duc Noy (Area 5)	261	219
Hai Gia Petroleum Products Storage NW	936	786
Phu Xa Petroleum Products Storage	200	168
Hoa Loan Petroleum Products Storage	108	91
Tu Hoang Petroleum Products Storage	175	148
Tay Tuu Petroleum Products Storage East	325	273
Nguyen Khe Petroleum Products Storage	36	30
Cap Dien Petroleum Products Storage	216	181
Vinh Petroleum Products Storage PUG North No 2	375	315
Xom Thap Petroleum Products Storage	180	151
Vinh Petroleum Products Storage PUG North No 3	54	45
Cu Lap Petroleum Products Storage	100	84
Xuan Mai Petroleum Products Storage	750	630
Dong Xuan Petroleum Products Storage	504	423
Vinh Petroleum Products Storage SL PUG	147	124

25X1C ~~SECRET~~ Approved For Release 2003/08/04 : CIA-RDP78B04560A005500010038-7

25X1

25X1

ANNEX II (Continued)

25X1A

BU No

Installation Name	Capacity		
	MT Water	MT POL	
Kep Petroleum Products Storage	500	420	
Dong Sang Petroleum Products Storage	120	109	
Lap Tri Petroleum Products Storage	975	819	
Long Dai Petroleum Products Storage	225	189	
Luc Nong Petroleum Products Storage	720	605	
Quynh Hoang Petroleum Products Storage	350	294	
Lang Son Petroleum Products Storage SE	300	252	
Xa Son Petroleum Products Storage	800	672	
Cam Lam Thuong Petroleum Products Storage	400	336	
Phu Qui Petroleum Products Storage PUG No 2	35	29	
Khon Phai Dan Petroleum Products Storage	325	273	
Na Pia Petroleum Products Storage NW	200	168	
Dong Dang Petroleum Products Storage No 2	1,450	1,218	
Dong Dang Petroleum Products Storage No 1	264	222	
Na Pia Petroleum Products Storage	1,050	882	
Lang Coc Petroleum Products Storage	375	315	
Binh Phu Petroleum Products Storage North	132	111	
Kieu Yen Thuong Petroleum Products Storage	180	151	
Hien Luong Petroleum Products Storage	120	101	
Hoan Ha Petroleum Products Storage	1,250	1,050	
Ban Yen Nhan Petroleum Products Storage	447	375	
Quynh Do Petroleum Products Storage	394	331	
Tien Huong Petroleum Products Storage	156	131	
Bau Me Petroleum Products Storage	250	210	
Duong Xa Petroleum Products Storage	542	455	

25X1

25X1

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PHU LOC PETROLEUM PRODUCTS STORAGE	1714	N 10639	E B71, X-B71
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DIEN XA POL STORAGE	1822	N 10544	E C13
XOM THAP PETROLEUM PRODUCTS STORAGE	1826	N 10539	E B181, X-B181
NGOC SON PETROLEUM PRODUCTS STORAGE PUG	1832	N 10542	E B17, X-B17
BEN THUY THERMAL POWERPLANT (POL STOR AREA)	1838	N 10542	E D31
GIA HUA PETROLEUM PRODUCTS STORAGE PUG	1838	N 10542	E B105, X-B105
VINH PETROLEUM PRODUCTS STORAGE SE PUG	1839	N 10540	E B191, X-B191
VINH PETROLEUM PROD STORAGE PUG BEN THUY	1839	N 10542	E B141, X-B141
VINH PETROLEUM PRODUCTS STORAGE YEN THINH	1840	N 10540	E B149, X-B149
VINH PETROLFUM PROD STORAGE PUG NORTH NO 2	1840	N 10541	E B179, X-B179
VINH PETROLEUM PRODUCTS STORAGE	1840	N 10543	E A23, X-A23
VINH PETROLEUM PRODUCTS STORAGE NORTH NO 3	1841	N 10540	E B183, X-B183
VINH PETROLEUM PROD STORAGE PUG XUAN YEN	1841	N 10540	E B115, X-B115
DONG XUAN PETROLEUM PRODUCTS STORAGE	1842	N 10528	E B189, X-B189
VINH PETROLEUM PRODUCTS STORAGE PUG YEN DAI	1842	N 10540	E B145, X-B145
VINH PETROLEUM PRODUCTS STORAGE NORTH UG	1843	N 10540	E B155, X-B155
PHUC LOI PETROLEUM PRODUCTS STORAGE NAVY	1843	N 10544	E B77, X-B77
KY TRAN POL STORAGE AREA	1847	N 10540	E C1
PHU VAN POL STORAGE AREA	1851	N 10519	E A21, X-A21
NHO LAM POL DRUM TRANSSHIPMENT AREA	1856	N 10535	E D13
THUAN LE POL STORAGE AREA	1812	N 10604	E B69, X-B69
KY ANH POL DRUM STORAGE	1840	N 10618	E C3
YEN HAU PETROLEUM PRODUCTS STORAGE PUG	1908	N 10534	E B21, X-B21
THO TRANG PETROLEUM PRODUCTS STORAGE	1909	N 10537	E B79, X-B79
POL TANKS LANG CAN	1911	N 10529	E D45
PHU QUI PETROLEUM PRODUCTS STORAGE	1913	N 10521	E A25, X-A25
SON CHAU PETROLEUM PRODUCTS STORAGE PUG	1918	N 10543	E B31, X-B31
TRI BINH PETROLEUM PRODUCTS STORAGE	1946	N 10532	E B117, X-B117
TRI BINH POL DRUM STORAGE AREA	1947	N 10532	E C11
THANH HOA POL STORAGE AREA	1947	N 10547	E B73, X-B73
THANH HOA PETROLEUM PRODUCTS STORAGE	1949	N 10546	E B131, X-B131
THANH HOA PETROLFUM PRODUCTS STORAGE NORTH	1950	N 10546	E C7
BAI THUONG PETROLEUM PRODUCTS STORAGE UG SE	1951	N 10525	E B11, X-B11
QUANG SUOI PETROLEUM PRODUCTS STORAGE	2007	N 10552	E B101, X-B101
LANG COC PETROLEUM PRODUCTS STORAGE	203320N	1054939E	E B223, X-B223

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THUONG THON PETROLEUM PRODUCTS STORAGE UG	2047	N	10540	E	B15, X-B15
XUYEN DUONG PETROLEUM PRODUCTS STORAGE	2048	N	10540	E	B119, X-B119
BANG SO PETROLEUM PRODUCTS STORAGE PUG	2053	N	10553	E	B29, X-B29
BINH PHU PETROLEUM PRODUCTS STORAGE NORTH	205345N	105592E	E	B225, X-B225	
XUAN MAI PETROLEUM PRODUCTS STORAGE	2054	N	10537	E	B187, X-B187
QUYNH DO PETROLEUM PRODUCTS STORAGE	205631N	1054956E	E	B235, X-B235	
HA NOI PET PROD STOR UG THANH LIET (AREA 1)	2057	N	10548	E	B25, X-B25
HA DONG POL TRUCKS	2057	N	10549	E	D23
POL TANKS (VAN DIEN ARMY SUPPLY DEPOT)	2057	N	10550	E	D25
HA NOI PET PROD STOR UG THANH LIET (AREA 2)	2058	N	10548	E	B27, X-B27
HA DONG TANK FABRICATION AREA	205925N	1054801E	E	D59	
POL TANKS IN HA NOI	2059	N	10550	E	D75
CO TRUNG POL STORAGE SITE	2012	N	10615	E	D19
NAM DINH PETROLEUM PRODUCTS STORAGE	2024	N	10610	E	A13, X-A13
NAM DINH PETROLEUM PRODUCTS STORAGE PUG	2026	N	10613	E	B51, X-B51
NAM LU PETROLEUM PRODUCTS STORAGE	2032	N	10617	E	B161, X-B161
CAU CUNG PETROLEUM PRODUCTS STORAGE	2039	N	10610	E	B121, X-B121
DONG CHAU PETROLEUM PRODUCTS STORAGE	2039	N	10613	E	B83, X-B83
DO SON PETROLEUM PRODUCTS STORAGE	2042	N	10647	E	A19, X-A19
DO SON POL DRUM STORAGE	2043	N	10647	E	C9
NING GIANG PETROLEUM PRODUCTS STORAGE	2045	N	10631	E	B81, X-B81
KIEN AN PETROLEUM PRODUCTS STORAGE	2047	N	10637	E	B149, X-B149
TIEN HOI PETROLEUM PRODUCTS STORAGE	2049	N	10635	E	B87, X-B87
CUU VIEN POL STORAGE AREA	2049	N	10638	E	C15
POL TRUCKS ON POLISH SHIP (HAI PHONG AREA)	2049	N	10647	E	D33
KIEU YEN THUONG PETROLEUM PRODUCTS STORAGE	205012N	1063525E	E	B227, X-B227	
POL STORAGE TANKS HAI PHONG	2050	N	10640	E	D51
HAI PHONG TANK FABRICATION SHOP EAST	2050	N	10641	E	D57
TRAM BAC PETROLEUM PRODUCTS STORAGE	2051	N	10635	E	B159, X-B159
PHU XA PETROLEUM PRODUCTS STORAGE	2051	N	10644	E	B167, X-B167
TANKER - POL BARGE OFFLOADING	205112N	1064600E	E	D61	
HAI PHONG PETROLEUM PRODUCTS STORAGE	2052	N	10639	E	A15, X-A15
POL TANKS AT HAI PHONG THERMAL POWERPLANT	2052	N	10642	E	D49
QUYNH HOANG PETROLEUM PRODUCTS STORAGE	205303N	1063600E	E	B203, X-B203	
CONG MY TRANSSHIPMENT FAC AND POL BARGES	2053	N	10637	E	D39
HOANG PHA PETROLEUM PRODUCTS STORAGE	2054	N	10637	E	B147, X-B147
TIEN NONG PETROLEUM PRODUCTS STORAGE	2055	N	10633	E	B139, X-B139
LUC NUNG PETROLEUM PRODUCTS STORAGE	2055	N	10634	E	B201, X-B201
LUC NUNG PETROLEUM PRODUCTS STORAGE	2055	N	10634	E	B135, X-B135
THAI LAI PETROLEUM PRODUCTS STORAGE	2055	N	10637	E	B19, X-B19
HAN YEN NHAN PETROLEUM PRODUCTS STORAGE	205650N	1060108E	E	B233, X-B233	
TRAM DU PETROLEUM PRODUCTS STORAGE	2058	N	10617	E	B133, X-B133
THANH LANG PETROLEUM PRODUCTS STORAGE PUG	2058	N	10636	E	B23, X-B23
CAM LAM THUONG PETROLEUM PRODUCTS STORAGE	205920N	1062726E	E	B209, X-B209	
SOVIET TANKER WITH MOTORIZED POL BARGES	2051	N	10707	E	D27
HON GAI POL DRUM STORAGE	2056	N	10705	E	C5
BAI CHAY PETROLEUM PRODUCTS STORAGE	2057	N	10703	E	B107, X-B107
SAC LE POL STORAGE AREA	2057	N	10708	E	B65, X-B65
SAC LE POL TANKS	2058	N	10709	E	D17
SON LA PETROLEUM PRODUCTS STORAGE	2117	N	10756	E	B13, X-B13

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HA NOI PETROLEUM PRODUCTS THI CAM	2101	N 10545	E B0, X-B9
HA NOI PROBABLE POL TANK FABRICATION AREA 1	2101	N 10549	E D3
HA NOI PROBABLE POL TANK FABRICATION AREA 2	2101	N 10549	E D5
HA NOI POL TANKS	2101	N 10550	E D47
PHU THI PETROLEUM PRODUCTS STORAGE	2101	N 10558	E B151, X-B151
DUONG XA PETROLEUM PRODUCTS STORAGE	210128N	1055904E	B241, X-B241
CO NHUE VIEN PETROLEUM PRODUCTS STORAGE	210258N	1054625E	B99, X-B99
HANOI/GIA LAM AIRFIELD POL STORAGE AREA	2102	N 10553	E A27, X-A27
TAY TUU PETROLEUM PRODUCTS STORAGE EAST	2103	N 10544	E B173, X-B173
TU HOANG PETROLEUM PRODUCTS STORAGE	2103	N 10544	E B171, X-B171
HA NOI PETROLEUM PRODUCTS STORAGE THANH AM	2103	N 10553	E A7, X-A7
PHU DONG POL STORAGE AREA	2103	N 10556	E B67, X-B67
THUY PHUONG POL STORAGE TANKS	2105	N 10546	E D1
MACH TRANG PETROLEUM PRODUCTS STORAGE	2106	N 10551	E B157, X-B157
HA NOI PETROLEUM PROD STOR DUC NOI (ARFA 4)	2107	N 10551	E B41, X-B41
HA NOI PETROLEUM PROD STOR DUC NOI (AREA 1)	2107	N 10552	E B35, X-B35
HA NOI PETROLEUM PROD STOR DUC NOI (AREA 2)	2107	N 10552	E B37, X-B37
HA NOI PETROLEUM PROD STOR DUC NOI (AREA 3)	2107	N 10552	E B39, X-B39
DONG SANG PETROLEUM PRODUCTS STORAGE	210828N	1052625E	B195, X-B195
POL STORAGE TANKS XOM DONG	2108	N 10549	E D53
HA NOI PETROLEUM PROD STOR DUC NOI (AREA 5)	2108	N 10551	E B163, X-B163
NGUYEN KHE PETROLEUM PRODUCTS STORAGE	2110	N 10551	E A9, X-A9
NGUYEN KHE PETROLEUM PRODUCTS STORAGE	2110	N 10551	E B175, X-B175
PHU TRI PETROLEUM PRODUCTS STORAGE WEST	211252N	1054225E	B153, X-B153
PHUC YEN AIRFIELD POL STORAGE AREA	2114	N 10548	E A3, X-A3
IEN LUONG PETROLEUM PRODUCTS STORAGE	211508N	1054640E	B229, X-B229
PHUC YEN AIRFIELD POL STORAGE A2	2115	N 10549	E B57, X-B57
PHUC YEN POL TRUCK DISPERSAL AREA	2115	N 10550	E D15
NING BINH (POL TANKS IN SAMPAN)	2115	N 10559	E D7
HOA LOAN PETROLEUM PRODUCTS STORAGE	2116	N 10529	E B169, X-B169
TIEN HUONG PETROLEUM PRODUCTS STORAGE	211655N	1053912E	B237, X-B237
PHUC YEN AIRFIELD POL STORAGE AREA 1	2116	N 10549	E B55, X-B55
HA GIA PETROLEUM PRODUCTS STORAGE SSW UG	2116	N 10550	E A5, X-A5
VIET TRI PETROLEUM PRODUCTS STORAGE	2117	N 10526	E A1, X-A1
LAP TRI PETROLEUM PRODUCTS STORAGE	211716N	1054609E	B197, X-B197
POL STOR PHU THO CHEM FERT PLT LAM THAO	2119	N 10517	E D29
VAN LUNG PETROLEUM PROD STORAGE WEST UG	2120	N 10521	E B5, X-B5
VAN LUNG PETROLEUM PRODUCTS STORAGE UG	2120	N 10522	E B3, X-B3
HA GIA PETROLEUM PRODUCTS STORAGE NW	2120	N 10550	E B165, X-B165
PHU LU PETROLEUM PRODUCTS STORAGE NNE UG	212455N	1051834E	B95, X-B95
LAING KHE POL STOR AREA UNDER CONSTRUCTION	2127	N 10549	E D11
THAI NGUYEN PETROLEUM PROD STOR PUG SOUTH	2129	N 10551	E B53, X-B53
TUNG TU PETROLEUM PRODUCTS STORAGE UG	2129	N 10552	E B123, X-B123
THON NIEU TANK FAR AREA (THAI NGUYEN)	2132	N 10552	E D43
THAI NGUYEN PETROLEUM PRODUCTS STORAGE	2136	N 10548	E B137, X-B137
THAI NGUYEN THERMAL POWERPLANT (POL STORAGE)	2136	N 10549	E D41
CU VAN PETROLEUM PRODUCTS STORAGE	2137	N 10543	E B43, X-B43
CU VAN PETROLEUM PRODUCTS STORAGE EAST UG	2138	N 10544	E B45, X-B45
LA DANH PETROLEUM PRODUCTS STORAGE PUG	2139	N 10550	E B1, X-B1
XA SON PETROLEUM PRODUCTS STORAGE	210058N	1062503E	B207, X-B207

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GUY KHE PETROLEUM PRODUCTS STORAGE	2100 N 10638 E B127, X-B127
DUONG NHAM PETROLEUM PRODUCTS STORAGE	2101 N 10639 E A17, X-A17
DON SON PETROLEUM PRODUCTS STORAGE	2102 N 10636 E B125, X-B125
UONG BI POWERPLANT (PETROLEUM PROD STOP)	2102 N 10647 E D77
CAP DIEN PETROLEUM PRODUCTS STORAGE	2103 N 10618 E B177, X-B177
TRAN XA PETROLEUM PRODUCTS STORAGE	2103 N 10619 E B129, X-B129
NUI TAP TINH POL STORAGE AREA	2103 N 10648 E B63, X-B63
CHI LINH PETROLEUM PRODUCTS STORAGE	2104 N 10619 E B143, X-B143
DONG MAI PETROLEUM PRODUCTS STORAGE	2104 N 10629 E B89, X-B89
BAC NINH PETROLEUM PRODUCTS STORAGE	2109 N 10604 E B113, X-B113
HOANG MAI POL STORAGE AREA	2114 N 10606 E B7, X-B7
BAC GIANG PETROLEUM PRODUCTS STORAGE	2116 N 10611 E A11, X-A11
TRUNG PHU PETROLEUM PRODUCTS STORAGE	2122 N 10619 E B103, X-B103
CAN THON PETROLEUM PRODUCTS STORAGE	21233N 1061839E B73, X-B33
KEP HA PETROLEUM PRODUCTS STORAGE	2123 N 10639 E B85, X-B85
KEP PETROLEUM PRODUCTS STORAGE	21241N 1061730E B193, X-B193
DAO QUAN PETROLEUM PRODUCTS STORAGE WEST	21253N 1061155E B49, X-B49
DAO QUAN PETROLEUM PRODUCTS STORAGE EAST	21261N 1061222E B47, X-B47
HOAN HA PETROLEUM PRODUCTS STORAGE	21462N 1060818E B231, X-B231
LANG SON PETROLEUM PRODUCTS STORAGE SE	21480N 1065222E B205, X-B205
POL BARGE	2151 N 10644 E D21
NA PIA PETROLEUM PRODUCTS STORAGE NW	21535N 1062555E B215, X-B215
NA PIA PETROLEUM PRODUCTS STORAGE	215352N 1062614E B221, X-B221
DONG DANG PETROLEUM PRODUCTS STORAGE NO 2	21544N 1064015E B217, X-B217
DONG DANG PETROLEUM PRODUCTS STORAGE NO 1	215443N 1064116E B219, X-B219
KHON PHAI DAN PETROLEUM PRODUCTS STORAGE	215625N 1062330E B213, X-B213
JAUNE ISLAND POL STORAGE	2102 N 10722 E B97, X-B97
VAN HUA POL STORAGE	2112 N 10734 E B93, X-B93

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